Decision **2004-045**

EUB

Phase 3 Proceedings Under Bitumen Conservation Requirements and Applications for Approval to Produce Gas in the Athabasca Wabiskaw-McMurray Area

May 31, 2004

Alberta Energy and Utilities Board

ALBERTA ENERGY AND UTILITIES BOARD
Decision 2004-045: Phase 3 Proceedings Under Bitumen Conservation Requirements and Applications for Approval to Produce Gas in the Athabasca Wabiskaw-McMurray Area

May 31, 2004

Published by

Alberta Energy and Utilities Board
640 – 5 Avenue SW
Calgary, Alberta
T2P 3G4

Telephone: (403) 297-8311
Fax: (403) 297-7040
Web site: http://www.eub.gov.ab.ca/

106-03385/

ALBERTA ENERGY AND UTILITIES BOARD
Calgary Alberta

PHASE 3 PROCEEDINGS UNDER BITUMEN CONSERVATION REQUIREMENTS AND APPLICATIONS FOR APPROVAL TO PRODUCE GAS IN THE ATHABASCA WABISKAW-MCMURRAY AREA

Decision 2004-045
Proceeding No. 1333566

Applications No. 1067996, 1290220, 1294457, and 1299696

1 DECISION

Having considered the evidence submitted at the hearing, the Alberta Energy and Utilities Board (EUB/Board) decides that gas production from certain intervals within the Wabiskaw Member of the Clearwater Formation and from the McMurray Formation (Wabiskaw-McMurray) be shut in or allowed to produce as set out in Tables 1 and 2, attached. Gas production from those intervals required to be shut in must be shut in by July 1, 2004.

The above decision results in the following considerations and requirements:

1) The Board recognizes that some unusual circumstances may arise as a result of the above decision and, therefore, it may be appropriate for the Board to grant relief from some of its regulatory requirements. For example, there are requirements related to the suspension and abandonment of wells, pipelines, and other field facilities and requirements pertaining to long-term inactive wells that can trigger liability management considerations. Therefore, the Board is prepared to consider requests for relief from such requirements.

2) In overlapping gas pools where one pool is allowed to produce and another is required to be shut in, there must be segregation between the pools in all wellbores or both pools must be shut in. In order to demonstrate segregation in the wellbore, zonal segregation tests shall be conducted and submitted to the EUB in accordance with Section 11.150(1) and (2) of the *Oil and Gas Conservation Regulations* to confirm that segregation has been established between a pool that is permitted to produce gas and a pool that is not permitted to produce gas.

2 PROCEEDING, APPLICATIONS, AND HEARING

2.1 Proceeding No. 1333566

See *EUB General Bulletin (GB) 2003-28: Bitumen Conservation Requirements, Athabasca Wabiskaw-McMurray* for the background on this matter.

A hearing was held for the purpose of considering submissions respecting the production status of gas-bearing intervals in oil sands areas as discussed in *GB 2003-28*. On January 26, 2004, in accordance with *GB 2003-28*, an EUB staff submission group (SSG) submitted recommendations to continue or vary the production status of gas zones within wells subject to *GB 2003-28*. Parties that disagreed with the recommendations notified the Board by February 9, 2004, of the wells and associated intervals (the contested intervals) for which they wished to present a case at the hearing.

2.2 Applications No. 1067996, 1283132, 1290220, 1294457, and 1299696

The Board also considered the following applications or portions of applications pursuant to Section 3(4) of the *Oil Sands Conservation Regulation* for the approval of gas production:

Application No.	Applicant	Well	Formation and/or interval
1067996	Paramount Resources Ltd.	00/08-33-076-05 W4 00/06-35-076-05 W4	Wabiskaw and McMurray
1290220	Paramount Energy Trust	00/05-01-081-09 W4	McMurray (447.5 and 448.5 metres kelly bushing)
1294457	Paramount Energy Trust	00/11-01-081-11 W4	Wabiskaw and McMurray A
1299696	EnCana Corporation	00/08-13-072-06 W4	Wabiskaw and McMurray

Stylus Exploration Inc. withdrew Application No. 1283132 prior to the hearing.

The public hearing was held from March 10 to April 1, 2004, before Board Member J. D. Dilay, P.Eng. (Presiding Member) and Acting Board Members C. A. Langlo, P.Geol. and G. D. Williams, Ph.D., P.Geol. Parties that attended the hearing are listed in Appendix 1.

3 ISSUE

The Board considers the issue to be whether or not gas is associated with potentially recoverable bitumen in the contested or applied-for intervals and whether gas production from those intervals should be shut in or allowed to produce. Decisions on this issue were made on a pool basis, as set out in the notice of hearing, except for those wells that contain intervals that were approved for production or were not required to be shut in by *Decision 2003-023*.[1] Those wells will be dealt with at a subsequent hearing.

It should be noted that while this decision has made changes to some of the pool designations that resulted from the regional geological study (RGS) described in Report 2003-A,[2] new pool orders have not yet been issued. The pools referred to in Tables 1 and 2 are the EUB's designated pools prior to these pooling changes. The EUB will issue new pool orders on July 1, 2004.

4 ADMINISTRATIVE AND PROCEDURAL MATTERS

During the course of the hearing, some of the participants raised concerns about the Board's authority to conduct the proceeding, the procedures used by the Board, and the possibility of bias. Other participants presented views to the contrary. The following paragraphs summarize and provide the Board's views on those concerns.

4.1 Authority for the Proceeding

As stated above in Section 3, the purpose of the proceeding was to identify where gas was associated with potentially recoverable bitumen. Generally speaking, the Board is responsible for

[1] *Decision 2003-023: Chard Area and Leismer Field, Athabasca Oil Sands Area—Applications for the Production and Shut-in of Gas*, March 18, 2003.

[2] *Report 2003-A: Athabasca Wabiskaw-McMurray Regional Geological Study*, December 31, 2003.

management of all energy resources and has exclusive jurisdiction under Alberta's energy statutes to address conservation issues. Subsection 2(c) of the *Energy Resources Conservation Act* (*ERCA*) provides that one of the purposes of the Act is "to effect the conservation of, and to prevent the waste of, the energy resources of Alberta." Subsection 3(5) of the *Oil Sands Conservation Regulation* states

> Where it appears to the Board that the ultimate recovery of crude bitumen in the oil sands strata may be affected by gas production, the Board may, on its own initiative or on application by an affected party, make any order or direction it considers necessary to effect the conservation of the crude bitumen in any particular case.

The Board therefore has both a general and a specific duty to prevent the waste of and effect the conservation of crude bitumen in the oil sands area.

Section 16 of the *ERCA* provides that the Board, in the performance of the duties and functions imposed on it by that Act and by any other Act, may do all things that are necessary for or incidental to the performance of any of those duties or functions. The Board therefore also has the authority to do all things necessary to prevent the waste of and effect the conservation of crude bitumen in the oil sands area.

4.2 Procedures Adopted by the Board

The procedures adopted by the Board in this proceeding are set out in the letters and other written directives listed in Appendix 2 and can be summarized as an expedited hearing process in which the Board set parameters on parties' evidence, the examination and cross-examination of witnesses, and the time afforded for argument. In the Board's view, an expedited hearing process was needed because Wabiskaw-McMurray gas pools in the area of concern are generally at an advanced state of depletion and immediate action is required to mitigate further risk to bitumen recovery. Also, the Board continues to believe that the depressuring of gas zones that are associated with potentially recoverable bitumen poses an unacceptable risk to the bitumen resource. The Board believes that a protracted omnibus hearing, a long series of shorter hearings, or any combination thereof would not address the issues identified by the Board within the timeframe needed to ensure the conservation of the bitumen resource.

Some parties questioned the urgency expressed by the Board and raised concerns about the expedited hearing process. At least one party indicated that gas pool pressures could be reduced to as low as 400-600 kilopascals (kPaa) before gas production posed an urgent risk to potentially recoverable bitumen. The Board disagrees. While the Board has in previous decisions identified reservoir pressures at or below which bitumen recovery may not be feasible, the Board does not view gas production from pools with pressures exceeding bitumen sterilization pressures as a risk-free proposition. The Board concluded in *Decision 2000-22*[3] that minimizing gas zone depressuring better ensures successful steam-assisted gravity drainage (SAGD) operations in terms of maximizing resource recovery and minimizing the cost and technical difficulty of lifting SAGD fluids. In *Decision 2003-23*, the Board confirmed that where gas is associated with bitumen, gas zone depressuring should be kept to a minimum to better ensure successful SAGD operations.

[3] *Decision 2000-22: Gulf Canada Resources Limited Request for the Shut-in of Associated Gas, Surmont Area*, March 30, 2000.

A number of parties argued that the Board did not have the power to make an interim decision because the Board did not have the "corollary power" in any subsequent final decision on the matter to revisit the period between the interim decision and the final decision. This argument was based on the decision in *Bell Canada v. Canada (Canadian Radio-Television and Telecommunications Commission) ([1989] 1 S.C.R. 1722)*, which is a case dealing with an interim rate increase granted by the commission. In the Board's view, the "corollary power" principle set out in the *Bell Canada* decision does not apply in this case, where the issue is the conservation of a resource, not the fixing of tolls and tariffs. The Court in *Bell Canada* referred to the "regulatory scheme established by the Railway Act and the National Transportation Act" as providing powers "for the purpose of ensuring that telephone rates and tariffs are, at all times, just and reasonable." That is not the regulatory scheme or the purpose of this proceeding. The purpose of this proceeding is the conservation of Alberta's energy resources.

4.3 Bias

Concerns were raised that a reasonable apprehension of bias existed. A number of factors were cited as the basis for this concern, including the participation of certain Board members in the development of the bitumen conservation requirements, the participation of certain SSG members in the development of the bitumen conservation requirements, the participation and roles of certain SSG members in previous hearings, and the participation and roles of Board counsel and SSG counsel in previous hearings. In the Board's view, these concerns were based on a belief that this proceeding was an extension of previous proceedings or initiatives of the Board on the matter of bitumen conservation. That is not the case. This proceeding stands separated from previous Board hearings and from the consultation process that culminated in the issuance of *GB 2003-28* on July 22, 2003. In any event, the Board is satisfied that nothing in the concerns parties raised during the proceeding would cause a reasonable and right-minded person, viewing the proceedings realistically and practically, to conclude that more likely than not the Board would not decide matters fairly.

4.4 Argument of Paramount

In its final argument, Paramount Energy Operating Corp. said that the Board could deal with the issue by recommending to the Government of Alberta that it purchase the gas that the Board intended to order be shut in. While the Board will not make any recommendations, the Board will draw this proposal to the attention of the Government to ensure that it is aware of it.

5 VIEWS OF THE BOARD

In reaching its decisions, the Board has had regard for the evidence and testimony submitted at the hearing. Although the Board has typically summarized the evidence and views of the hearing participants in its decision reports, it has not done so in this report in order to be able to release its decision report at the earliest possible time, recognizing the urgency of the matter. The full record of the proceeding, including the submissions and transcripts, are publicly available through the Board's offices.

5.1 Potentially Recoverable Bitumen

EUB *Interim Directive (ID) 99-1: Gas/Bitumen Production in Oil Sands Areas—Application, Notification, and Drilling Requirements* defines potentially recoverable bitumen as

> bitumen in oil sands that has a minimum thickness of 10 metres with a minimum bitumen saturation of 50 per cent. Consideration must also be given to the volume of the bitumen encountered, the geological depositional environment, the presence of associated water zones, and the available well control.

The SSG introduced the concept of accommodation space to reflect the aspects of geological depositional environment and available well control, noted above. The Board notes that participants in the proceeding expressed concern that insufficient opportunity was provided to test the new concept presented by the SSG, but believes that the criteria used are consistent with the intent of the definition of potentially recoverable bitumen noted above.

The Board is satisfied that at the present time the 10 metre (m) thickness criterion is an appropriate cutoff to apply to the McMurray bitumen pay. The SSG recommended modifying the thickness criterion for the Wabiskaw zone such that an average bitumen thickness of greater than 15 m with no water interbedded within the bitumen interval would be required in order to warrant shut-in of associated gas. The Board accepts that the Wabiskaw sands in the northern portions of the study area (Ells and Tar Fields) are of a more regional, marine nature than those in the Kirby area to the south and, therefore, have a more consistent thickness because of the environment in which they were deposited. The Board accepts that the potential for the development of commercial projects may be reduced in this type of reservoir. For the purposes of this decision, the Board agrees that gas production should be allowed in Ells and Tar where the average thickness of Wabiskaw bitumen pay is less than 15 m and a regionally correlatable mudstone separates the Wabiskaw from the underlying McMurray.

The Board also agrees that Wabiskaw sands in southern portions of the study area (Kirby Field) may be valley fill in nature and are thus more similar to the McMurray in their depositional setting. The Board therefore concludes that the same 10 m thickness cutoff used for the McMurray should be applied to the Wabiskaw in the Kirby Field.

Although *ID 99-1* defines potentially recoverable bitumen as having a 50 per cent pore volume saturation of bitumen, the Board has historically relied on a 6 weight per cent cutoff. The Board recognizes that 6 weight per cent bitumen is equal to 50 per cent pore volume saturation at 27 per cent porosity and that, as the porosity increases, 6 weight per cent represents bitumen saturations less than 50 per cent. The Board acknowledges the concerns expressed by Canadian Natural Resources Limited (CNRL), EnCana, and Paramount that this calculation has the potential to overstate the volume of potentially recoverable bitumen in both the Wabiskaw and the McMurray. However, the Board is satisfied that based on the mapping comparisons for the three areas presented by the SSG, there is limited change in the position of the 10 m net pay contour regardless of whether a pore volume or weight per cent cutoff is used. On this basis, the Board is satisfied that the regional bitumen pay map submitted as part of the RGS serves as an adequate proxy for a map based on 50 per cent pore volume. While the Board acknowledges that there may be areas where the difference could impact the edge of the potentially recoverable bitumen, it is not aware of any gas intervals under consideration in this proceeding that would be impacted by any such difference.

The SSG defined accommodation space as the amount of vertical thickness of the stratigraphic interval that has the potential to be sand bearing and therefore to contain potentially recoverable bitumen in the vicinity of a wellbore. It further defined net bitumen accommodation space as the thickness of the stratigraphic interval, excluding top gas, top water, and bottom water. The Board accepts that the concept of accommodation space provides a reasonable interpretation of the

potential for bitumen to exist in sands deposited in a fluvial/estuarine setting where the existing well control is insufficient to closely define the extent and thickness of the sands. The Board accepts that where channel deposits have the potential for bitumen thicknesses of greater than 20 m to occur (i.e., accommodation space), while having less than 10 m of net bitumen in the wellbore, a significant degree of risk to potentially recoverable bitumen is likely and the associated gas intervals should be shut in. The Board is satisfied that given the existing drilling density, the nature of the sediments containing the bitumen, and the need for conservation, it is necessary in some cases to protect bitumen that is not clearly identified but is nevertheless expected to exist in the channel deposits.

The Board notes that Nexen Canada Ltd. and Petro-Canada both indicated that the criteria used by the SSG for accommodation space were not sufficiently restrictive. The Board also notes that a number of the gas producers indicated that the use of accommodation space was either inappropriate or not properly supported by evidence and analysis. The Board is of the opinion that the criteria, as described previously, are reasonable to apply at this time in order to protect the potentially recoverable bitumen.

The Board accepts the use of 20 m of accommodation space as an appropriate cutoff for the McMurray channel sands and for the Wabiskaw sands in the Kirby area, where the environment of deposition appears to be similar in character to the McMurray sands.

Although the Board considered the evidence concerning bitumen present in the area of the gas pools under contention, it primarily used the RGS mapping of bitumen to assess whether or not the gas pools were associated with potentially recoverable bitumen.

With respect to the effect of top and bottom water on potentially recoverable bitumen, the Board agrees with the SSG that without detailed knowledge of the characteristics of the water and bitumen zones, the degree of impact on SAGD recovery is not known and that this detailed knowledge can only be obtained with the dense drilling that occurs when the commercial viability of a bitumen zone is assessed.

5.2 Pooling

The Board reviewed the geological and engineering evidence submitted in its consideration of gas pooling and regions of influence. For the purpose of this proceeding, the Board has modified pooling only where, in its view, it would make a difference to the production status of contested intervals. The Board did not attempt to modify the pooling if the Board judged that gas is associated with potentially recoverable bitumen, regardless of whether the gas may be in one pool or several separate pools.

The Board acknowledges that there are significant limitations to the use of pressure data in determining gas pooling in the areas under consideration. These limitations are due to both the quantity and quality of the pressure data, including the lack of historical pressure data, commingling of production and pressure measurements from different stratigraphic intervals, insufficient shut-in times and, in some cases, the use of surface pressures. The Board found very few cases where the pressure data were sufficiently definitive to base pooling decisions upon. In most cases, the Board relied more on geological data than on pressure data.

The Board acknowledges that the RGS established several very large and complex gas pools, particularly the Hardy Wabiskaw-McMurray A, the Kirby Wabiskaw-McMurray A, and the

Leismer Wabiskaw-McMurray A pools. In these three cases, for the purposes of this proceeding, the Board has made only one change to the RGS pooling, that being to remove a portion of the Wabiskaw C sand interval in the Hardy Wabiskaw-McMurray A Pool, resulting in a number of wells being allowed to produce from that interval.

5.3 Lateral Continuity of Mudstones and Shales

The Board accepts that the McMurray A2 and B2 mudstones and the Wabiskaw A, C, and D shales are laterally continuous and serve as barriers to pressure communication where they are at least 0.5 m thick. These stratigraphic units were previously interpreted and reported on in *Decision 2003-23*.

The Board accepts that the geophysical well log characteristics used in the RGS generally provide a consistent tool for the identification of these mudstones and shales. The Board has identified the presence of one or more mudstones/shales on the basis of these criteria in a number of wells where they were not recognized by the RGS. Where these mudstones/shales extend throughout the entire region of influence of a gas pool, protecting the underlying bitumen, the pool is allowed to produce. These changes are reflected in the decisions in Table 2.

A number of participants argued that mudstones/shales other than those proposed by the SSG may provide an effective barrier to communication over the region of influence of a gas pool. The Board accepts that where such units have characteristics comparable to the mudstones described above and used in the RGS, they could be considered as barriers to communication.

The Board continues to recognize that well logs may not be definitive in determining mudstone/shale thickness and character. Given that there are insufficient core data available, however, the Board is satisfied that the application of consistent criteria to well log evaluation is the most effective tool for recognition of regional mudstones and shales.

The Board notes that the edges of the regional mudstones/shales, as presented on the RGS and SSG maps, are the 0.5 m thickness contour. The Board also notes that the mudstones/shales generally extend beyond this arbitrary edge as drawn, but with a reduced thickness. The Board further notes that the SSG did not propose any setback from the arbitrary edge of the mudstone/shale unit for gas intervals that it recommended be permitted to produce. The Board recognizes the concerns expressed by Nexen and Petro-Canada about intervals in wells that are close to the edge of the mudstone/shale units, and it agrees with the need for caution in allowing gas to be produced in areas where there is potentially recoverable bitumen. However, at this time the Board sees no need to shut in intervals where, based on existing data, the pool has a mudstone/shale unit meeting the RGS criteria separating the gas from potentially recoverable bitumen throughout the entire region of influence.

6 CONCLUSIONS

For the reasons set forth in this decision report and in Tables 1 and 2, which form part of the decision, the Board concludes the following:

- Gas is associated with potentially recoverable bitumen in the intervals listed in Table 1. Gas production from each of those intervals must be shut in by July 1, 2004.

- Gas is not associated with potentially recoverable bitumen in the intervals listed in Table 2. Gas production from those intervals is therefore approved.

The tables include the reason(s) the Board has for its decision for each interval.

The Board notes that in a decision dated February 26, 2004, the Alberta Court of Appeal granted EnCana and CNRL leave to appeal the Board's decision to include wells dealt with in *Decision 2003-23* as part of this proceeding. The Court of Appeal also ruled that this proceeding is "stayed only with respect to the EnCana and CNRL wells which were considered in *[Decision 2003-23]* pending disposition of the appeal." The Board understands that the Court of Appeal's stay order relates to the particular perforated intervals that were the subject of *Decision 2003-23*. The Board notes that it considered in this proceeding intervals that are in the same wellbores as the particular perforated intervals dealt with in *Decision 2003-23*. The Board's understanding of the Court of Appeal's stay order is that it applies only to the particular perforated intervals dealt with in *Decision 2003-23* and does not extend to other intervals in the same wellbores.

An order giving effect to the Board's decision will be issued in due course.

Dated in Calgary, Alberta, on May 31, 2004.

ALBERTA ENERGY AND UTILITIES BOARD

<original signed by>

J. D. Dilay, P.Eng.
Presiding Member

<original signed by>

C. A. Langlo, P.Geol.
Acting Board Member

<original signed by>
G. D. Williams, Ph.D., P.Geol.
Acting Board Member

APPENDIX 1 THOSE WHO APPEARED AT THE HEARING

Principals and Representatives (Abbreviations used in report)	Witnesses
Bonavista Energy Trust P. K. Bostwick, P.Geol. D. MacKinnon	P. K. Bostwick, P.Geol.
BP Canada Energy Company A. L. McLarty, Q.C.	D. Wong Doolan, P.Eng. J. E. Mathison, P.Geol., of Fekete Associates Inc. (Fekete) J. K. Wilhelm, P.Eng., of Fekete
Calpine Canada Resources Company D. G. Davies	R. Bourgeois, Consultant G. B. Sikora, P.Eng., Consultant R. Wozney, P.Eng.
Canadian Natural Resources Limited (CNRL) P. J. McGovern	J. A. Bertram, P.Eng. J. MacTaggart L. G. Stevens, P.Eng. J. J. Waterfield, P.Geol.
ConocoPhillips Canada Resources Corp. R. Block	
Devon Canada Corporation and Giant Grosmont Petroleums Limited S. M. Munro	D. W. Spencer, P.Eng., of Devon R. I. Watson, of Giant Grosmont
EnCana Corporation (EnCana) D. G. Davies	B. Falez, P.Eng. D. P. Haugen, P.Eng. D. McPhee P. E. Putnam, Ph.D., P.Geol., of Petrel Robertson Consulting Ltd. (Petrel Robertson) J. K. Wilhelm, P.Eng., of Fekete

(continued)

APPENDIX 1 THOSE WHO APPEARED AT THE HEARING (continued)

Principals and Representatives (Abbreviations used in report)	Witnesses
EUB Staff Submission Group (SSG) D. A. Larder	M. E. Connelly, P.Geol. B. Fairgrieve, P.Geol. F. J. Hein, Ph.D., P.Geol. T. R. Keelan, P.Eng. K. F. Schuldhaus, P.Eng. W. A. Warren, P.Eng.
Husky Oil Operations Limited D. Todesco	C. Evert, P.Geol. J. E. Mathison, P.Geol., of Fekete J. K. Wilhelm, P.Eng., of Fekete
ISH Energy Ltd. D. A. Neshine L. Dean, of Fekete	B. Hughes, P.Geol., of Fekete J. E. Mathison, P.Geol., of Fekete D. A. Neshine, C.A. J. K. Wilhelm, P.Eng., of Fekete
Japan Canada Oil Sands Limited B. Harschnitz	
Nexen Canada Ltd. (Nexen) R. Block S. E. Young	L. Skulski, P.Geol., P.Eng.
Paramount Energy Operating Corp. (Paramount) L. M. Sali, Q.C.	G. L. Bunio, P.Eng., of Paramount Resources Ltd. K. Demers, P.Eng. R. N. Hughes L. McKean, P.Eng., Consultant B. Norris, P.Geol. P. E. Putnam, Ph.D., P.Geol., of Petrel Robertson G. J. Reid, P.Geol. S. L. Riddell Rose, P.Geol.

(continued)

APPENDIX 1 THOSE WHO APPEARED AT THE HEARING (concluded)

Principals and Representatives (Abbreviations used in report)	Witnesses
Petro-Canada W. T. Corbett, Q.C. S. R. Miller	G. Stabb, P.Geol., Consultant K. N. Wilde
Superman Resources Inc. J. K. Farries, P.Eng.	D. Edge L. M. Stasuik, P.Geol. M. J. Webb, P.Eng.
Stylus Exploration Inc. D. W. Rowbotham	P. D. Evans, P.Geol.
Viking Energy Royalty Trust P. K. Bostwick, P.Geol.	
EUB staff G. D. Perkins K. Bieber, P.Geol. J. MacGillivray, P.Geol. G. W. Dilay, P.Eng. E. E. Smith, P.Eng. K. Fisher	

APPENDIX 2 LIST OF LETTERS DESCRIBING THE PHASE 3 HEARING PROCESS

1) Letter dated February 25, 2004: time allocations for cross-examination of SSG and preliminary hearing schedule.

2) Letter dated March 12, 2004: time allocations for cross-examination of parties that follow SSG.

3) Letter dated March 16, 2004: revised time allocations for cross-examination of parties that follow SSG.

4) Letter dated March 25, 2004: time allocations for argument portion of hearing.

Legend for Decision 2004-045 Tables 1 and 2

Decision Code

PRB - Potentially recoverable bitumen present

RMA - Regional mudstone/shale absent

RMP - Regional mudstone/shale present

PSD - Pressure data support decision

ACC - Accommodation space present

NPRB - No potentially recoverable bitumen

PC - Pooling change, wells pooled differently than RGS

Note

PRB or RMA applies over the entire region of influence. For example, if a regional shale is present in one well but not in another well in the same pool, the code PRB or RMA is applied to all wells in the pool, as this is the reason for the shut-in of the pool.

Company abbreviations

ANADARKO	ANADARKO CANADA CORPORATION
BAAY LAND	BAAY LAND CONSULTANTS LTD.
BP	BP CANADA ENERGY COMPANY
CALPINE	CALPINE CANADA RESOURCES COMPANY
CANNAT	CANNAT RESOURCES INC.
CNRL	CANADIAN NATURAL RESOURCES LIMITED
DEVON AOG	DEVON AOG CORPORATION
DEVON ARL	DEVON ARL CORPORATION
DEVON	DEVON CANADA CORPORATION
ENCANA	ENCANA OIL & GAS CO. LTD.
ENCANA C.	ENCANA CORPORATION
FIRST	FIRST CHICAGO INVESTMENT CORPORATION
GULF	GULF CANADA LIMITED
HUSKY	HUSKY OIL OPERATIONS LIMITED
ISH	ISH ENERGY LTD.
IMPERIAL	IMPERIAL OIL RESOURCES LIMITED
NEXEN	NEXEN CANADA LTD.
NORTHSTAR	NORTHSTAR ENERGY CORPORATION
OPTI	OPTI CANADA INC.
PARAMOUNT	PARAMOUNT RESOURCES LTD.
PET	PARAMOUNT ENERGY OPERATING CORP.
PETRO-CANADA	PETRO-CANADA
PRIMEWEST	PRIMEWEST ENERGY INC.
SHELL	SHELL CANADA LIMITED
STYLUS	STYLUS EXPLORATION INC.
SUNCOR	SUNCOR ENERGY INC.
SUPERMAN	SUPERMAN RESOURCES INC.
TALISMAN	TALISMAN ENERGY INC.
VIKING	VIKING ENERGY LTD.

Table 1. Wabiskaw-McMurray Intervals Denied for Gas Production

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
CHARD	MCMURRAY P	00/10-27-080-06W4/0	246.9	256.9	McM Channel	CNRL	PC, PRB, RMA
		00/11-28-080-06W4/0	284.2	295.8	McM Channel	CNRL	PC, PRB, RMA
		00/11-34-080-06W4/0	249.5	260.0	McM Channel	CNRL	PC, PRB, RMA
	MCMURRAY VV	00/07-13-080-07W4/0	310.2	319.5	McM Channel	CNRL	PRB, RMA
		00/07-14-080-07W4/0	327.8	328.5	McM Channel	CNRL	PRB, RMA
CLYDEN	MCMURRAY W	00/07-25-075-13W4/0	507.0	513.0	McM Channel	VIKING	PRB, RMA
	MCMURRAY Y	00/11-30-076-12W4/0	496.8	501.5	McM Channel	CNRL	ACC
CORNER	MCMURRAY A	00/05-31-080-09W4/0	416.0	418.5	McM A1 Seq	PET	PRB, RMA
		00/12-32-080-09W4/0	418.0	421.0	McM A1 Seq	PET	PRB, RMA
		00/10-36-080-10W4/0	418.0	420.0	McM A1 Seq	PET	PRB, RMA
		00/14-04-081-09W4/0	425.5	427.5	McM A1 Seq	PET	PRB, RMA
		02/14-04-081-09W4/0	427.0	428.0	McM A1 Seq	PET	PRB, RMA
		00/09-05-081-09W4/0	426.0	428.0	McM A1 Seq	PET	PRB, RMA
		00/06-07-081-09W4/0	421.3	424.0	McM A1 Seq	PET	PRB, RMA
		00/15-08-081-09W4/0	423.2	424.0	McM A1 Seq	PET	PRB, RMA
		00/12-09-081-09W4/0	418.0	420.0	McM A1 Seq	PET	PRB, RMA
		00/13-09-081-09W4/0	418.5	420.5	McM A1 Seq	GULF	PRB, RMA
		00/06-01-081-10W4/0	419.0	421.0	McM A1 Seq	PET	PRB, RMA
		00/10-11-081-10W4/0	424.2	427.0	McM A1 Seq	PET	PRB, RMA
		00/03-12-081-10W4/0	425.0	426.0	McM A1 Seq	PET	PRB, RMA
		00/12-13-081-10W4/0	422.3	424.5	McM A1 Seq	PET	PRB, RMA
		00/13-09-081-09W4/0	420.7	424.0	McM Channel	GULF	PRB, RMA
		00/12-16-081-09W4/0	425.0	429.0	McM Channel	PET	PRB, RMA
		02/12-16-081-09W4/0	431.0	434.2	McM Channel	PET	PRB, RMA
		00/06-07-081-09W4/0	425.0	434.0	McM Channel	PET	PRB, RMA
		00/03-12-081-10W4/0	427.1	436.0	McM Channel	PET	PRB, RMA
		00/10-11-081-10W4/0	427.0	438.5	McM Channel	PET	PRB, RMA
		00/12-13-081-10W4/0	425.1	433.3	McM Channel	PET	PRB, RMA
		00/09-05-081-09W4/0	428.0	430.0	McM A2 Seq	PET	PRB, RMA
		00/11-04-081-09W4/0	529.3	682.0	McM Channel	PET	PRB, RMA
	MCMURRAY C	00/14-27-080-10W4/0	415.5	418.0	McM A1 Seq	PET	PRB, RMA
		00/14-28-080-10W4/0	417.2	419.0	McM A1 Seq	PET	PRB, RMA
		00/09-33-080-10W4/0	417.5	421.0	McM A1 Seq	PET	PRB, RMA
		00/11-34-080-10W4/0	420.0	421.0	McM A1 Seq	PET	PRB, RMA
		00/05-35-080-10W4/0	416.0	419.5	McM A1 Seq	PET	PRB, RMA
		00/03-03-081-10W4/0	421.8	423.5	McM A1 Seq	PRIMEWEST	PRB, RMA
		00/08-04-081-10W4/0	423.0	424.0	McM A1 Seq	PET	PRB, RMA
		00/14-27-080-10W4/0	418.0	432.8	McM Channel	PET	PRB, RMA
		00/14-28-080-10W4/0	419.0	433.0	McM Channel	PET	PRB, RMA
		00/09-33-080-10W4/0	424.0	435.0	McM Channel	PET	PRB, RMA
		00/11-34-080-10W4/0	432.2	436.0	McM Channel	PET	PRB, RMA
		00/05-35-080-10W4/0	426.0	436.0	McM Channel	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
CORNER (cont.)	MCMURRAY C (cont.)	00/08-04-081-10W4/0	427.0	437.0	McM Channel	PET	PRB, RMA
		00/08-05-081-10W4/0	433.0	436.5	McM Channel	PET	PRB, RMA
	MCMURRAY D	00/09-31-080-10W4/0	419.5	421.5	McM A1 Seq	PET	PRB, RMA
		00/11-32-080-10W4/0	423.8	425.0	McM A1 Seq	PET	PRB, RMA
		00/09-31-080-10W4/0	425.0	438.0	McM Channel	PET	PRB, RMA
		00/11-32-080-10W4/0	427.0	441.0	McM Channel	PET	PRB, RMA
	MCMURRAY G	00/09-10-081-09W4/0	430.2	432.4	McM A1 Seq	PET	PRB, RMA
		00/13-11-081-09W4/0	428.0	429.8	McM A1 Seq	PET	PRB, RMA
		00/02-14-081-09W4/0	432.5	433.7	McM A1 Seq	GULF	PRB, RMA
		00/11-14-081-09W4/0	430.7	433.0	McM A1 Seq	PET	PRB, RMA
		00/04-15-081-09W4/0	424.5	427.4	McM A1 Seq	GULF	PRB, RMA
		00/10-23-081-09W4/0	429.4	430.8	McM A1 Seq	PET	PRB, RMA
		00/07-25-081-09W4/0	426.6	427.8	McM A1 Seq	PET	PRB, RMA
		00/07-26-081-09W4/0	425.0	426.3	McM A1 Seq	PET	PRB, RMA
		00/06-27-081-09W4/0	419.0	421.3	McM A1 Seq	PET	PRB, RMA
		00/09-10-081-09W4/0	435.0	435.8	McM A2 Seq	PET	PRB, RMA
		00/13-11-081-09W4/0	429.8	431.8	McM A2 Seq	PET	PRB, RMA
		00/10-23-081-09W4/0	431.7	434.0	McM Channel	PET	PRB, RMA
		00/07-26-081-09W4/0	427.0	430.5	McM Channel	PET	PRB, RMA
		00/06-27-081-09W4/0	421.7	428.8	McM Channel	PET	PRB, RMA
		00/07-25-081-09W4/0	428.0	431.5	McM Channel	PET	PRB, RMA
	MCMURRAY J	00/08-23-080-10W4/0	419.0	419.8	McM Channel	PET	PRB, RMA
	MCMURRAY K	00/06-02-080-10W4/0	436.0	437.0	McM A1 Seq	PET	PRB, RMA
		00/15-03-080-10W4/0	432.3	433.0	McM A1 Seq	CALPINE	PRB, RMA
	MCMURRAY P	00/15-03-080-10W4/0	440.8	441.5	McM Channel	CALPINE	PRB, RMA
	MCMURRAY Q	00/10-13-080-10W4/0	429.0	431.0	McM A1 Seq	PET	PRB, RMA
		00/07-14-080-10W4/0	419.2	422.0	McM A1 Seq	PET	PRB, RMA
		00/08-15-080-10W4/0	422.0	424.0	McM A1 Seq	PET	PRB, RMA
		00/08-16-080-10W4/0	419.5	420.0	McM A1 Seq	PET	PRB, RMA
		00/08-23-080-10W4/0	415.4	417.0	McM A1 Seq	PET	PRB, RMA
		00/16-24-080-10W4/0	418.7	421.0	McM A1 Seq	ENCANA C.	PRB, RMA
		00/08-25-080-10W4/0	420.5	423.0	McM A1 Seq	PET	PRB, RMA
		00/07-14-080-10W4/0	422.0	424.6	McM Channel	PET	PRB, RMA
		00/16-24-080-10W4/0	421.0	426.3	McM Channel	ENCANA C.	PRB, RMA
		00/08-15-080-10W4/0	425.0	425.8	McM Channel	PET	PRB, RMA
	MCMURRAY U	00/05-31-080-08W4/0	459.5	460.6	McM B1 Seq	NORTHSTAR	PRB, RMA
		00/11-34-080-09W4/0	448.5	449.5	McM B1 Seq	ENCANA C.	PRB, RMA
		00/11-35-080-09W4/0	447.0	450.0	McM B1 Seq	ENCANA C.	PRB, RMA
		00/10-36-080-09W4/0	456.0	456.5	McM B1 Seq	ENCANA	PRB, RMA
		00/05-01-081-09W4/0	447.1	448.5	McM B1 Seq	PET	PRB, RMA
	MCMURRAY AA	00/08-16-080-10W4/0	422.0	432.5	McM Channel	PET	PRB, RMA
	MCMURRAY CC	00/10-28-081-09W4/0	428.5	436.0	McM Channel	PET	PRB, RMA
	MCMURRAY MM	00/10-28-081-09W4/0	419.0	421.5	McM A1 Seq	PET	PRB, RMA
	MCMURRAY PP	00/08-23-080-10W4/0	423.0	429.0	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-061	00/08-15-080-10W4/0	427.5	428.4	McM Channel	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
DIVIDE	MCMURRAY S	00/05-16-082-12W4/0	467.3	474.7	McM Channel	PET	PRB, RMA
	MCMURRAY FF	00/16-08-082-12W4/0	453.5	460.0	McM Channel	HUSKY	PRB, RMA
	MCMURRAY GG	00/14-05-082-12W4/0	481.7	482.8	McM B2 Seq	PET	PRB, RMA
		00/07-08-082-12W4/0	473.4	482.8	McM Channel	ANADARKO	PRB, RMA
	MCMURRAY HH	00/14-31-081-12W4/0	473.5	476.5	McM Channel	HUSKY	PRB, RMA
	MCMURRAY II	00/08-06-082-12W4/0	475.9	477.0	McM Channel	PET	ACC
	MCMURRAY U/D-065	00/07-09-082-12W4/0	490.0	496.5	McM C Channel	PET	PRB, RMA
	MCMURRAY U/D-066	00/10-17-082-12W4/0	454.0	458.8	McM C Channel	PET	PRB, RMA
EAGLENEST	WABISKAW U/D-002	00/15-14-101-13W4/0	526.5	531.0	Wbsk D Sand	ENCANA	PRB, RMA
		AA/15-14-101-13W4/0	530.0	530.8	Wbsk D Sand	IMPERIAL	PRB, RMA
	WABISKAW U/D-007	AA/16-17-101-13W4/0	481.0	488.4	Wbsk D Sand	IMPERIAL	PRB, RMA
		00/02-20-101-13W4/0	462.0	467.0	Wbsk D Sand	ENCANA	PRB, RMA
	MCMURRAY U/D-001	00/15-14-101-13W4/0	537.0	538.0	McM Channel	ENCANA	PRB, RMA
ELLS	WABISKAW C	00/11-19-094-15W4/0	207.9	208.5	Wbsk A Sand	CNRL	PRB, RMA
		00/13-30-094-15W4/0	216.7	222.5	Wbsk A Sand	ENCANA	PRB, RMA
		AA/16-30-094-15W4/0	213.3	217.0	Wbsk A Sand	SHELL	PRB, RMA
		00/12-31-094-15W4/0	219.8	226.0	Wbsk A Sand	ENCANA	PRB, RMA
		00/14-26-094-16W4/0	224.5	231.0	Wbsk A Sand	ENCANA	PRB, RMA
		00/11-35-094-16W4/0	232.0	239.0	Wbsk A Sand	ENCANA	PRB, RMA
		03/06-36-094-16W4/0	225.3	232.2	Wbsk A Sand	ENCANA	PRB, RMA
		00/05-06-095-15W4/0	235.6	240.8	Wbsk A Sand	ENCANA	PRB, RMA
		AA/05-06-095-15W4/0	234.0	239.3	Wbsk A Sand	SHELL	PRB, RMA
		00/08-07-095-15W4/0	262.0	269.5	Wbsk A Sand	ENCANA	PRB, RMA
		AA/08-07-095-15W4/0	263.0	272.5	Wbsk A Sand	SHELL	PRB, RMA
		00/05-09-095-15W4/0	238.0	241.5	Wbsk A Sand	ENCANA	PRB, RMA
		AA/05-10-095-15W4/0	231.9	234.1	Wbsk A Sand	SHELL	PRB, RMA
		00/05-17-095-15W4/0	275.5	280.0	Wbsk A Sand	ENCANA	PRB, RMA
		00/02-18-095-15W4/0	276.2	280.0	Wbsk A Sand	ENCANA	PRB, RMA
		AA/16-18-095-15W4/0	282.5	289.5	Wbsk A Sand	SHELL	PRB, RMA
		AA/06-21-095-15W4/0	264.6	266.4	Wbsk A Sand	SHELL	PRB, RMA
		00/05-09-095-16W4/0	232.5	234.1	Wbsk A Sand	ENCANA	PRB, RMA
		00/06-10-095-16W4/0	236.4	241.0	Wbsk A Sand	ENCANA	PRB, RMA
		AA/08-11-095-16W4/0	253.6	258.2	Wbsk A Sand	SHELL	PRB, RMA
		00/03-12-095-16W4/0	254.2	257.8	Wbsk A Sand	ENCANA	PRB, RMA
		AA/03-16-095-16W4/0	224.9	228.6	Wbsk A Sand	SHELL	PRB, RMA
		00/12-16-095-16W4/0	235.5	239.5	Wbsk A Sand	ENCANA	PRB, RMA
		00/06-25-095-16W4/0	268.0	272.7	Wbsk A Sand	ENCANA	PRB, RMA
		00/15-34-095-16W4/0	252.0	255.0	Wbsk A Sand	ENCANA	PRB, RMA
		AA/15-34-095-16W4/0	253.3	258.5	Wbsk A Sand	SHELL	PRB, RMA
		00/06-36-095-16W4/0	264.0	268.0	Wbsk A Sand	ENCANA	PRB, RMA
		00/03-06-096-15W4/0	275.5	280.0	Wbsk A Sand	ENCANA	PRB, RMA
		00/02-02-096-16W4/0	253.2	260.0	Wbsk A Sand	ENCANA	PRB, RMA
		00/02-10-096-16W4/0	308.9	313.3	Wbsk A Sand	ENCANA	PRB, RMA
		00/09-11-096-16W4/0	301.8	306.5	Wbsk A Sand	ENCANA	PRB, RMA
		00/09-14-096-16W4/0	337.0	341.5	Wbsk A Sand	ENCANA	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
ELLS (cont.)	WABISKAW C (cont.)	00/07-16-096-16W4/0	355.8	359.3	Wbsk A Sand	ENCANA	PRB, RMA
		00/16-23-096-16W4/0	359.7	364.2	Wbsk A Sand	ENCANA	PRB, RMA
		00/03-25-096-16W4/0	349.5	355.5	Wbsk A Sand	ENCANA	PRB, RMA
		AA/03-25-096-16W4/0	351.0	354.5	Wbsk A Sand	IMPERIAL	PRB, RMA
		00/08-26-096-16W4/0	374.0	379.5	Wbsk A Sand	ENCANA	PRB, RMA
		00/03-25-096-16W4/0	356.0	358.0	Wbsk C Sand	ENCANA	PRB, RMA
		AA/03-25-096-16W4/0	356.5	357.5	Wbsk C Sand	IMPERIAL	PRB, RMA
		AA/03-25-096-16W4/0	359.5	361.5	Wbsk C Sand	ENCANA	PRB, RMA
	WABISKAW U/D-011	00/03-06-096-15W4/0	293.0	296.0	Wbsk D Sand	ENCANA	PRB, RMA
	WABISKAW U/D-017	00/03-06-096-15W4/0	291.0	292.0	Wbsk C Sand	ENCANA	PRB, RMA
GLOVER	MCMURRAY A	00/10-31-075-10W4/0	449.4	455.0	McM Channel	PET	PRB, RMA
		00/11-32-075-10W4/0	457.0	458.0	McM Channel	PET	PRB, RMA
HANGINGSTONE	WABISKAW E	00/10-07-081-10W4/0	426.4	427.8	McM A Channel	PET	PRB, RMA
		00/11-01-081-11W4/0	427.5	428.6	McM Channel	PET	PRB, RMA
	WABISKAW-MCMURRAY A	00/13-19-082-08W4/0	455.0	456.0	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/07-30-082-08W4/0	453.2	454.6	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/01-36-082-09W4/0	432.5	435.1	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/13-19-082-08W4/0	459.2	460.0	McM Channel	NORTHSTAR	PRB, RMA
		00/07-30-082-08W4/0	455.8	458.2	McM Channel	NORTHSTAR	PRB, RMA
		00/01-36-082-09W4/0	435.1	441.1	McM Channel	NORTHSTAR	PRB, RMA
	WABISKAW-MCMURRAY D	00/11-25-081-08W4/0	443.0	445.0	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/15-26-081-08W4/0	438.0	439.5	Wbsk D Valley Fill	CALPINE	PRB, RMA
		00/07-35-081-08W4/0	439.8	441.0	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/11-36-081-08W4/0	446.0	447.0	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/11-32-081-07W4/0	437.0	438.9	McM A1 Seq	CALPINE	PRB, RMA
		00/11-32-081-07W4/0	439.5	440.7	McM A2 Seq	CALPINE	PRB, RMA
		00/11-25-081-08W4/0	445.0	447.5	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/11-36-081-08W4/0	449.5	453.0	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/15-26-081-08W4/0	439.5	441.3	McM A2 Seq	CALPINE	PRB, RMA
		02/15-27-081-08W4/0	442.1	443.2	McM A Channel	CALPINE	PRB, RMA
		00/15-28-081-08W4/0	433.3	435.0	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/11-29-081-08W4/0	430.0	433.5	McM A2 Seq	PET	PRB, RMA
		00/07-31-081-08W4/0	433.3	435.4	McM A2 Seq	PET	PRB, RMA
		00/06-33-081-08W4/0	433.5	435.4	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/09-34-081-08W4/0	437.0	442.0	McM A Channel	NORTHSTAR	PRB, RMA
		02/09-34-081-08W4/0	435.0	438.0	McM A Channel	NORTHSTAR	PRB, RMA
		00/07-35-081-08W4/0	441.0	446.0	McM A Channel	NORTHSTAR	PRB, RMA
		00/10-24-081-09W4/0	429.5	432.0	McM A2 Seq	PET	PRB, RMA
		00/15-26-081-08W4/0	446.0	447.2	McM Channel	CALPINE	PRB, RMA
		02/15-27-081-08W4/0	448.0	451.5	McM Channel	CALPINE	PRB, RMA
		00/15-28-081-08W4/0	440.0	442.0	McM Channel	NORTHSTAR	PRB, RMA
		00/06-33-081-08W4/0	438.4	445.0	McM Channel	NORTHSTAR	PRB, RMA
		00/09-34-081-08W4/0	445.0	445.8	McM B1 Seq	NORTHSTAR	PRB, RMA
	WABISKAW-MCMURRAY E	00/13-03-082-08W4/0	436.1	437.0	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/12-04-082-08W4/0	432.8	436.0	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
HANGINGSTONE (cont.)	WABISKAW-MCMURRAY E (cont.)	00/07-09-082-08W4/0	440.5	441.1	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/14-11-082-08W4/0	436.0	437.6	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/07-16-082-08W4/0	450.8	452.5	Wbsk D Valley Fill	NORTHSTAR	PRB, RMA
		00/15-17-082-08W4/0	453.4	454.5	McM A1 Seq	NORTHSTAR	PRB, RMA
		02/15-17-082-08W4/0	454.0	454.8	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/07-21-082-08W4/0	453.5	454.0	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/07-09-082-08W4/0	442.2	443.2	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/14-11-082-08W4/0	438.5	440.4	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/10-16-082-08W4/0	453.0	453.7	McM A Channel	PETRO-CANADA	PRB, RMA
		00/07-21-082-08W4/0	454.9	456.2	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/15-22-082-08W4/0	457.0	459.3	McM A2 Seq	NORTHSTAR	PRB, RMA
		AA/10-23-082-08W4/0	455.0	456.0	McM A2 Seq	PETRO-CANADA	PRB, RMA
		00/06-27-082-08W4/0	450.0	452.0	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/13-03-082-08W4/0	437.6	445.0	McM Channel	NORTHSTAR	PRB, RMA
		00/12-04-082-08W4/0	437.0	441.0	McM Channel	NORTHSTAR	PRB, RMA
	MCMURRAY C	00/10-20-081-08W4/0	432.8	438.5	McM Channel	PET	PRB, RMA
	MCMURRAY E	00/09-10-081-10W4/0	440.0	441.0	McM B1 Seq	PET	PRB, RMA
	MCMURRAY G	00/12-15-081-10W4/0	447.0	458.5	McM Channel	PET	PRB, RMA
		00/09-21-081-10W4/0	445.0	449.5	McM Channel	PET	PRB, RMA
		00/07-22-081-10W4/0	448.3	451.5	McM Channel	PET	PRB, RMA
	MCMURRAY I	00/09-20-081-10W4/0	437.0	439.8	McM Channel	PET	PRB, RMA
	MCMURRAY X	00/11-19-081-09W4/0	422.9	426.5	McM A1 Seq	PET	PRB, RMA
		00/12-30-081-09W4/0	425.5	429.0	McM A1 Seq	PET	PRB, RMA
		00/10-25-081-10W4/0	430.0	431.0	McM A1 Seq	PET	PRB, RMA
		00/10-25-081-10W4/0	434.0	435.5	McM Channel	PET	PRB, RMA
		00/10-26-081-10W4/0	432.2	434.0	McM Channel	PET	PRB, RMA
	MCMURRAY Z	00/15-15-082-09W4/0	449.8	452.3	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/15-16-082-09W4/0	443.5	447.8	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/07-22-082-09W4/0	453.5	455.8	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/11-23-082-09W4/0	451.9	453.0	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/15-15-082-09W4/0	452.8	457.0	McM Channel	NORTHSTAR	PRB, RMA
		00/15-16-082-09W4/0	449.3	451.3	McM Channel	NORTHSTAR	PRB, RMA
	MCMURRAY BB	00/05-27-082-09W4/0	445.7	447.3	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/08-29-082-09W4/0	436.2	441.3	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/02-33-082-09W4/0	439.2	442.7	McM A1 Seq	NORTHSTAR	PRB, RMA
	MCMURRAY JJ	00/06-31-082-09W4/0	436.5	437.8	McM A Channel	NORTHSTAR	PRB, RMA
	MCMURRAY KK	00/03-30-082-10W4/0	423.6	426.4	McM Channel	PET	PRB, RMA
		00/11-25-082-11W4/0	433.0	437.0	McM Channel	PET	PRB, RMA
	MCMURRAY PP	00/12-12-082-11W4/0	435.3	436.5	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-043	00/07-10-082-10W4/0	446.7	449.0	McM C Channel	PET	PRB, RMA
	MCMURRAY U/D-051	00/12-27-082-10W4/0	432.3	433.0	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-096	00/10-25-082-10W4/0	425.5	426.5	McM A1 Seq	PET	PRB, RMA
	MCMURRAY U/D-108	00/05-16-081-10W4/0	455.0	459.3	McM Channel	PET	PRB, RMA
	MCMURRAY III	00/10-09-082-10W4/0	419.0	423.4	McM A1 Seq	PET	PRB, RMA
		00/07-10-082-10W4/0	420.5	422.0	McM A1 Seq	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
HANGINGSTONE (cont.)	MCMURRAY KKK	00/12-28-081-10W4/0	427.0	431.2	McM Channel	PET	PRB, RMA
	MCMURRAY LLL	00/06-03-083-08W4/0	445.0	447.0	McM A Channel	NORTHSTAR	PRB, RMA
		00/11-35-082-08W4/0	445.0	450.0	McM Channel	NORTHSTAR	PRB, RMA
	MCMURRAY NNN	00/11-19-081-09W4/0	431.2	432.8	McM Channel	PET	PRB, RMA
	MCMURRAY QQQ	00/10-09-082-10W4/0	423.4	427.0	McM Channel	PET	PRB, RMA
		00/07-10-082-10W4/0	424.5	431.0	McM A Channel	PET	PRB, RMA
	MCMURRAY YYY	00/11-05-082-08W4/0	432.7	433.5	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/10-06-082-08W4/0	432.4	434.0	McM A1 Seq	PETRO-CANADA	PRB, RMA
		02/10-06-082-08W4/0	432.0	434.0	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/08-07-082-08W4/0	431.2	433.0	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/10-06-082-08W4/0	434.2	437.7	McM A2 Seq	PETRO-CANADA	PRB, RMA
		02/10-06-082-08W4/0	434.0	436.4	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/01-01-082-09W4/0	436.2	437.2	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/06-12-082-09W4/0	458.5	459.2	McM A2 Seq	NORTHSTAR	PRB, RMA
		02/06-12-082-09W4/0	454.3	457.0	McM A2 Seq	NORTHSTAR	PRB, RMA
		00/08-07-082-08W4/0	433.9	439.5	McM Channel	NORTHSTAR	PRB, RMA
		00/11-05-082-08W4/0	434.0	439.5	McM Channel	NORTHSTAR	PRB, RMA
		00/10-11-082-09W4/0	447.2	449.5	McM A1 Seq	NORTHSTAR	PRB, RMA
		02/06-12-082-09W4/0	452.0	453.3	McM A1 Seq	NORTHSTAR	PRB, RMA
		00/10-11-082-09W4/0	450.0	457.0	McM Channel	NORTHSTAR	PRB, RMA
	MCMURRAY G2G	00/06-05-081-08W4/0	468.0	471.0	McM Channel	NORTHSTAR	PRB, RMA
		00/05-06-081-08W4/0	455.2	467.0	McM Channel	NORTHSTAR	PRB, RMA
		00/13-08-081-08W4/0	463.0	465.0	McM Channel	NORTHSTAR	PRB, RMA
	MCMURRAY H2H	00/08-21-081-08W4/0	449.0	455.0	McM Channel	PET	PRB, RMA
		00/11-22-081-08W4/0	444.7	451.0	McM Channel	CALPINE	PRB, RMA
		00/12-23-081-08W4/0	445.1	448.0	McM Channel	CALPINE	PRB, RMA
	MCMURRAY K2K	00/16-16-081-08W4/0	461.0	463.0	McM Channel	PET	PRB, RMA
	MCMURRAY L2L	00/09-19-081-08W4/0	430.2	434.0	McM Channel	PET	PRB, RMA
	MCMURRAY O2O	00/14-11-082-08W4/0	443.4	460.0	McM Channel	NORTHSTAR	PRB, RMA
	MCMURRAY H3H	00/13-14-082-10W4/0	431.0	432.0	McM Channel	PET	PRB, RMA
HARDY	WABISKAW-MCMURRAY A	00/13-17-076-04W4/0	378.0	380.5	McM A1 Seq	PET	PRB, RMA
		00/13-19-076-04W4/0	348.8	352.0	McM A1 Seq	PET	PRB, RMA
		00/10-30-076-04W4/0	347.2	348.6	Wbsk D Valley Fill	PETRO-CANADA	PRB, RMA
		00/07-31-076-04W4/0	337.5	338.5	McM A1 Seq	PET	PRB, RMA
		00/13-32-076-04W4/0	336.5	338.2	McM A1 Seq	PET	PRB, RMA
		00/07-30-076-05W4/0	319.0	320.8	McM A1 Seq	DEVON ARL	PRB, RMA
		00/07-32-076-05W4/0	331.0	331.9	McM A1 Seq	PET	PRB, RMA
		00/08-33-076-05W4/0	324.0	325.7	McM A1 Seq	PET	PRB, RMA
		00/06-34-076-05W4/0	322.1	324.6	McM A1 Seq	PET	PRB, RMA
		00/06-35-076-05W4/0	329.0	331.5	McM A1 Seq	PET	PRB, RMA
		00/12-36-076-05W4/0	328.0	329.0	McM A Channel	PET	PRB, RMA
		00/07-30-077-04W4/0	328.5	331.0	Wbsk D Valley Fill	SUPERMAN	PRB, RMA
		00/03-01-077-05W4/0	327.4	334.5	McM Channel	PET	PRB, RMA
		00/06-05-077-05W4/0	336.0	338.3	McM A1 Seq	PET	PRB, RMA
		00/01-07-077-05W4/0	331.0	334.0	McM A1 Seq	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
HARDY (cont.)	WABISKAW-MCMURRAY A (cont.)	00/05-10-077-05W4/0	341.0	346.0	McM A2 Seq	PET	PRB, RMA
		00/07-11-077-05W4/0	335.0	337.3	McM A1 Seq	PET	PRB, RMA
		00/05-12-077-05W4/0	337.0	338.7	McM A1 Seq	PET	PRB, RMA
		00/04-13-077-05W4/0	336.0	338.0	McM A1 Seq	PET	PRB, RMA
		00/11-19-077-05W4/0	318.2	325.5	McM A1 Seq	PET	PRB, RMA
		00/08-20-077-05W4/0	327.0	330.5	McM A1 Seq	PET	PRB, RMA
		00/07-22-077-05W4/0	341.0	344.7	McM A1 Seq	PET	PRB, RMA
		00/05-24-077-05W4/0	347.1	348.5	McM A1 Seq	PET	PRB, RMA
		00/07-26-077-05W4/0	344.5	348.0	McM A1 Seq	CNRL	PRB, RMA
		00/07-27-077-05W4/0	333.0	334.2	McM A1 Seq	CNRL	PRB, RMA
		00/11-28-077-05W4/0	326.5	330.5	McM A1 Seq	PET	PRB, RMA
		00/10-33-077-05W4/0	339.2	342.0	McM A1 Seq	PET	PRB, RMA
		00/10-34-077-05W4/0	335.0	337.4	McM A1 Seq	CNRL	PRB, RMA
		00/05-35-077-05W4/0	340.5	343.0	McM A1 Seq	CNRL	PRB, RMA
		00/10-36-077-05W4/0	336.0	337.0	McM A1 Seq	PET	PRB, RMA
		00/10-10-077-06W4/0	324.2	324.8	Wbsk D Valley Fill	DEVON ARL	PRB, RMA
		00/07-13-077-06W4/0	321.2	323.0	Wbsk D Valley Fill	PRIMEWEST	PRB, RMA
		00/07-25-077-06W4/0	321.0	325.6	Wbsk D Valley Fill	DEVON	PRB, RMA
		00/02-26-077-06W4/0	323.0	323.5	Wbsk D Valley Fill	SUPERMAN	PRB, RMA
		00/09-36-077-06W4/0	325.3	327.3	Wbsk D Valley Fill	DEVON	PRB, RMA
		00/08-06-078-04W4/0	326.0	328.0	McM A1 Seq	PET	PRB, RMA
		00/08-01-078-05W4/0	331.5	333.2	McM A1 Seq	PET	PRB, RMA
		00/07-02-078-05W4/0	334.0	335.5	McM A1 Seq	CNRL	PRB, RMA
		00/05-04-078-05W4/0	339.5	361.2	McM Channel	PET	PRB, RMA
		00/08-05-078-05W4/0	331.0	333.0	McM A1 Seq	PET	PRB, RMA
		00/05-08-078-05W4/0	322.0	324.0	McM A1 Seq	PET	PRB, RMA
		00/06-12-078-05W4/0	335.0	336.4	McM A1 Seq	PET	PRB, RMA
		00/13-01-078-06W4/0	348.5	349.2	McM A1 Seq	SUPERMAN	PRB, RMA
		00/12-11-078-06W4/0	360.0	364.4	McM A Channel	DEVON	PRB, RMA
		00/08-05-078-05W4/0	334.0	335.5	McM A2 Seq	PET	PRB, RMA
		00/11-06-078-05W4/0	329.2	334.5	McM A2 Seq	DEVON	PRB, RMA
		00/05-07-078-05W4/0	333.7	337.4	McM A2 Seq	PET	PRB, RMA
		00/05-08-078-05W4/0	325.0	328.0	McM A2 Seq	PET	PRB, RMA
		00/07-02-078-05W4/0	336.0	338.0	McM A2 Seq	CNRL	PRB, RMA
		00/10-33-077-05W4/0	343.0	345.6	McM Channel	PET	PRB, RMA
		00/10-34-077-05W4/0	340.6	344.0	McM Channel	CNRL	PRB, RMA
		00/11-21-077-05W4/0	324.0	330.5	McM Channel	CNRL	PRB, RMA
		00/07-27-077-05W4/0	335.0	343.5	McM Channel	CNRL	PRB, RMA
		00/05-30-077-05W4/0	321.0	325.5	McM Channel	CNRL	PRB, RMA
		00/11-31-077-05W4/0	331.0	341.5	McM Channel	DEVON	PRB, RMA
		00/07-35-077-06W4/0	327.5	338.4	McM Channel	SUPERMAN	PRB, RMA
		00/09-36-077-06W4/0	327.3	337.0	McM Channel	DEVON	PRB, RMA
		00/02-02-078-06W4/0	345.2	350.2	McM Channel	SUPERMAN	PRB, RMA
		00/05-19-077-04W4/0	323.1	329.0	McM Channel	PET	PRB, RMA
		00/02-31-077-04W4/0	321.0	327.1	McM Channel	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
HARDY (cont.)	WABISKAW-MCMURRAY A (cont.)	00/12-25-077-05W4/0	336.0	352.0	McM Channel	PET	PRB, RMA
		00/10-36-077-05W4/0	339.5	345.0	McM Channel	PET	PRB, RMA
		00/07-32-076-05W4/0	335.0	344.5	McM Channel	PET	PRB, RMA
		00/06-34-076-05W4/0	334.1	342.9	McM Channel	PET	PRB, RMA
		00/08-25-076-06W4/0	324.0	326.8	McM Channel	DEVON	PRB, RMA
		00/05-03-077-05W4/0	319.0	336.0	McM Channel	PET	PRB, RMA
		00/11-04-077-05W4/0	333.0	351.0	McM Channel	PET	PRB, RMA
		00/06-05-077-05W4/0	342.0	349.7	McM Channel	PET	PRB, RMA
		00/06-08-077-05W4/0	354.4	359.0	McM Channel	PET	PRB, RMA
		00/08-09-077-05W4/0	347.0	351.0	McM Channel	PET	PRB, RMA
		00/11-18-077-05W4/0	319.8	336.0	McM Channel	PET	PRB, RMA
		00/13-17-076-04W4/0	385.5	392.7	McM Channel	PET	PRB, RMA
		00/13-20-076-04W4/0	370.0	384.0	McM Channel	PET	PRB, RMA
		00/06-28-076-04W4/0	347.0	352.2	McM Channel	STYLUS	PRB, RMA
		00/13-32-076-04W4/0	341.2	348.8	McM Channel	PET	PRB, RMA
		00/06-33-076-04W4/0	338.8	351.3	McM Channel	STYLUS	PRB, RMA
		00/11-16-076-04W4/0	369.0	370.0	Wbsk C Sand	TALISMAN	PRB, RMA
		00/13-17-076-04W4/0	373.7	377.2	Wbsk C Sand	PET	PRB, RMA
		00/13-19-076-04W4/0	345.7	348.0	Wbsk C Sand	PET	PRB, RMA
		00/13-20-076-04W4/0	366.0	369.0	Wbsk C Sand	PET	PRB, RMA
		00/10-21-076-04W4/0	363.9	367.2	Wbsk C Sand	PETRO-CANADA	PRB, RMA
		00/06-22-076-04W4/0	375.0	378.0	Wbsk C Sand	TALISMAN	PRB, RMA
		00/06-28-076-04W4/0	342.5	346.2	Wbsk C Sand	STYLUS	PRB, RMA
		00/07-31-076-04W4/0	333.8	336.5	Wbsk C Sand	PET	PRB, RMA
		00/13-32-076-04W4/0	332.0	335.5	Wbsk C Sand	PET	PRB, RMA
		00/06-33-076-04W4/0	334.5	337.6	Wbsk C Sand	STYLUS	PRB, RMA
		00/08-34-076-04W4/0	344.4	348.0	Wbsk C Sand	STYLUS	PRB, RMA
		00/15-35-076-04W4/0	346.0	349.8	Wbsk C Sand	PET	PRB, RMA
		00/07-30-076-05W4/0	315.2	316.0	Wbsk C Sand	DEVON ARL	PRB, RMA
		00/07-32-076-05W4/0	328.5	329.0	Wbsk C Sand	PET	PRB, RMA
		00/08-33-076-05W4/0	322.3	323.0	Wbsk C Sand	PET	PRB, RMA
		00/06-34-076-05W4/0	318.5	321.5	Wbsk C Sand	PET	PRB, RMA
		00/12-36-076-05W4/0	324.7	327.0	Wbsk C Sand	PET	PRB, RMA
		00/11-02-077-04W4/0	340.5	344.0	Wbsk C Sand	PET	PRB, RMA
		00/11-03-077-04W4/0	341.2	345.0	Wbsk C Sand	PET	PRB, RMA
		00/09-06-077-04W4/0	325.0	328.2	Wbsk C Sand	PET	PRB, RMA
		00/07-07-077-04W4/0	336.7	338.5	Wbsk C Sand	PET	PRB, RMA
		00/02-18-077-04W4/0	337.4	340.0	Wbsk C Sand	PET	PRB, RMA
		00/03-01-077-05W4/0	323.6	324.5	Wbsk C Sand	PET	PRB, RMA
		00/05-03-077-05W4/0	313.5	318.0	Wbsk C Sand	PET	PRB, RMA
		00/11-04-077-05W4/0	330.0	332.0	Wbsk C Sand	PET	PRB, RMA
		00/06-05-077-05W4/0	334.0	336.0	Wbsk C Sand	PET	PRB, RMA
		00/07-11-077-05W4/0	332.0	333.5	Wbsk C Sand	PET	PRB, RMA
		00/05-12-077-05W4/0	334.0	336.0	Wbsk C Sand	PET	PRB, RMA
	MCMURRAY J	00/08-34-076-04W4/0	349.0	350.0	McM A1 Seq	STYLUS	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
HARDY (cont.)	MCMURRAY J (cont.)	00/11-02-077-04W4/0	345.0	348.0	McM A1 Seq	PET	PRB, RMA
		00/11-03-077-04W4/0	346.5	350.0	McM A1 Seq	PET	PRB, RMA
		00/03-15-077-04W4/0	336.0	338.5	McM A1 Seq	PET	PRB, RMA
		00/07-07-077-04W4/0	339.2	349.6	McM Channel	PET	PRB, RMA
		00/03-15-077-04W4/0	338.5	341.0	McM Channel	PET	PRB, RMA
		00/02-18-077-04W4/0	343.0	351.0	McM Channel	PET	PRB, RMA
	MCMURRAY Z	00/11-30-075-04W4/0	387.5	389.9	McM A1 Seq	STYLUS	PRB, RMA
		00/02-35-075-05W4/0	389.8	393.2	McM A1 Seq	STYLUS	PRB, RMA
		00/01-01-076-05W4/0	380.3	382.0	McM A1 Seq	DEVON	PRB, RMA
	MCMURRAY QQ	00/02-18-077-04W4/0	341.0	343.0	McM A1 Seq	PET	PRB, RMA
	MCMURRAY RR	00/07-11-077-05W4/0	344.5	355.0	McM Channel	PET	PRB, RMA
		00/05-12-077-05W4/0	340.0	350.0	McM Channel	PET	PRB, RMA
		00/04-13-077-05W4/0	339.3	347.4	McM Channel	PET	PRB, RMA
		00/05-24-077-05W4/0	352.5	356.0	McM Channel	PET	PRB, RMA
	MCMURRAY ZZ	00/09-06-077-04W4/0	329.0	342.5	McM Channel	PET	PRB, RMA
KIRBY	UPPER MANNVILLE I	00/02-29-072-06W4/0	501.0	502.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/09-30-072-06W4/0	499.0	500.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/10-31-072-06W4/0	506.0	507.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/10-25-072-07W4/0	488.5	489.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/10-36-072-07W4/0	502.0	505.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/05-30-073-04W4/0	414.0	427.5	Wbsk B Valley Fill	BP	PRB, RMA
		02/05-30-073-04W4/0	414.0	425.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/05-31-073-04W4/0	407.5	417.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-31-073-04W4/0	408.5	417.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-02-073-05W4/0	443.0	444.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/13-09-073-05W4/0	431.0	433.0	Wbsk B Valley Fill	ENCANA	PRB, RMA
		W0/13-10-073-05W4/0	437.0	440.0	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/16-10-073-05W4/0	433.0	436.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/12-11-073-05W4/0	433.0	436.3	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/15-11-073-05W4/0	430.4	436.0	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/07-12-073-05W4/0	448.4	452.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/12-13-073-05W4/0	436.0	443.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/14-13-073-05W4/0	541.3	798.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/15-13-073-05W4/0	428.6	435.8	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/10-14-073-05W4/0	432.0	436.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/16-14-073-05W4/0	513.2	743.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/11-15-073-05W4/0	434.0	437.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/16-15-073-05W4/0	437.0	438.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/11-16-073-05W4/0	433.2	436.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		02/11-16-073-05W4/0	433.0	436.4	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		03/11-16-073-05W4/0	507.7	721.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/12-17-073-05W4/0	430.0	433.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		02/12-17-073-05W4/0	430.0	433.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/10-19-073-05W4/0	413.9	417.6	Wbsk B Valley Fill	BP	PRB, RMA
		00/13-17-073-05W4/0	517.8	722.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	UPPER MANNVILLE I (cont.)	00/03-20-073-05W4/0	425.0	428.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-21-073-05W4/0	423.0	428.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-21-073-05W4/0	428.4	429.2	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-22-073-05W4/0	431.3	437.8	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-22-073-05W4/0	419.0	425.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-23-073-05W4/0	424.0	433.0	Wbsk B Valley Fill	BP	PRB, RMA
		03/10-23-073-05W4/0	425.0	434.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-24-073-05W4/0	425.0	434.7	Wbsk B Valley Fill	BP	PRB, RMA
		02/10-24-073-05W4/0	425.0	435.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-25-073-05W4/0	422.8	437.7	Wbsk B Valley Fill	BAAY LAND	PRB, RMA
		02/07-25-073-05W4/0	422.8	437.7	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-25-073-05W4/0	422.5	435.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/16-26-073-05W4/0	413.0	425.0	Wbsk B Valley Fill	BP	PRB, RMA
		02/16-26-073-05W4/0	415.0	427.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-27-073-05W4/0	410.9	420.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-29-073-05W4/0	408.0	415.6	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-32-073-05W4/0	400.0	405.8	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-33-073-05W4/0	405.0	410.1	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-34-073-05W4/0	401.0	413.5	Wbsk B Valley Fill	BP	PRB, RMA
		02/08-34-073-05W4/0	401.2	414.6	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-35-073-05W4/0	403.4	416.6	Wbsk B Valley Fill	BP	PRB, RMA
		02/07-35-073-05W4/0	401.5	413.7	Wbsk B Valley Fill	BP	PRB, RMA
		03/07-35-073-05W4/0	401.0	411.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-36-073-05W4/0	407.5	421.0	Wbsk B Valley Fill	BP	PRB, RMA
		02/08-36-073-05W4/0	407.0	420.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-04-073-06W4/0	457.0	459.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/06-05-073-06W4/0	472.0	473.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/06-06-073-06W4/0	485.0	485.4	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/06-07-073-06W4/0	471.6	473.2	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/06-08-073-06W4/0	458.6	462.3	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/07-08-073-06W4/0	532.9	814.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/11-09-073-06W4/0	435.5	444.8	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/14-09-073-06W4/0	554.5	793.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/05-10-073-06W4/0	443.0	447.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/04-15-073-06W4/0	442.0	448.6	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/11-15-073-06W4/0	431.0	434.1	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/02-16-073-06W4/0	429.8	434.2	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/01-17-073-06W4/0	441.8	444.4	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/11-17-073-06W4/0	431.2	432.3	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/06-18-073-06W4/0	438.6	440.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/02-21-073-06W4/0	421.0	424.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-22-073-06W4/0	419.2	422.8	Wbsk B Valley Fill	BP	PRB, RMA
		00/16-22-073-06W4/0	421.2	426.3	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-25-073-06W4/0	410.0	413.3	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-26-073-06W4/0	415.0	416.4	Wbsk B Valley Fill	BP	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	UPPER MANNVILLE I (cont.)	00/11-32-073-06W4/0	398.5	402.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-33-073-06W4/0	401.5	406.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-34-073-06W4/0	392.6	397.2	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-36-073-06W4/0	396.3	400.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-11-073-07W4/0	487.5	492.0	Wbsk B Valley Fill	ENCANA C	PRB, RMA
		00/10-12-073-07W4/0	469.9	476.2	Wbsk B Valley Fill	ENCANA C	PRB, RMA
		00/05-14-073-07W4/0	481.0	482.9	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/06-16-073-07W4/0	497.0	499.0	Wbsk B Valley Fill	ENCANA C	PRB, RMA
		00/10-16-073-07W4/0	502.8	504.0	Wbsk B Valley Fill	ENCANA	PRB, RMA
		AA/09-20-073-07W4/0	485.5	487.4	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-20-073-07W4/0	485.0	486.7	Wbsk B Valley Fill	CNRL	PRB, RMA
		02/10-20-073-07W4/0	482.0	484.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		05/11-20-073-07W4/0	480.0	482.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/14-20-073-07W4/0	479.7	483.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/15-20-073-07W4/0	482.0	485.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		02/15-20-073-07W4/0	477.0	478.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		04/15-20-073-07W4/0	482.0	485.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/16-20-073-07W4/0	482.0	486.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/02-21-073-07W4/0	495.0	497.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/04-21-073-07W4/0	483.5	487.3	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/08-21-073-07W4/0	489.5	492.2	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/09-21-073-07W4/0	482.0	484.3	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/11-21-073-07W4/0	486.0	488.9	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/14-21-073-07W4/0	486.0	487.6	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/09-22-073-07W4/0	467.4	469.8	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-23-073-07W4/0	460.0	463.0	Wbsk B Valley Fill	BP	PRB, RMA
		02/11-23-073-07W4/0	460.5	464.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-24-073-07W4/0	439.0	439.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-24-073-07W4/0	439.0	440.0	Wbsk B Valley Fill	BP	PRB, RMA
		AA/08-30-073-07W4/0	481.3	482.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-30-073-07W4/0	478.0	478.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/11-05-074-04W4/0	368.0	381.1	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-06-074-04W4/0	365.0	383.5	Wbsk B Valley Fill	BP	PRB, RMA
		02/12-06-074-04W4/0	365.0	382.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-07-074-04W4/0	346.0	366.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-08-074-04W4/0	344.0	357.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/03-09-074-04W4/0	376.3	384.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/05-17-074-04W4/0	337.0	352.0	Wbsk B Valley Fill	BP	PRB, RMA
		02/05-17-074-04W4/0	337.5	352.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-17-074-04W4/0	337.0	351.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-18-074-04W4/0	343.3	359.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/01-01-074-05W4/0	380.0	397.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-01-074-05W4/0	373.0	389.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/16-01-074-05W4/0	360.0	377.7	Wbsk B Valley Fill	BAAY LAND	PRB, RMA
		00/10-02-074-05W4/0	372.7	385.0	Wbsk B Valley Fill	BP	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	UPPER MANNVILLE I (cont.)	00/09-03-074-05W4/0	371.3	387.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-03-074-05W4/0	372.3	387.3	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-04-074-05W4/0	387.0	397.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-05-074-05W4/0	385.0	391.4	Wbsk B Valley Fill	BP	PRB, RMA
		02/07-05-074-05W4/0	387.5	394.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/05-06-074-05W4/0	371.7	381.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-06-074-05W4/0	375.0	383.2	Wbsk B Valley Fill	BP	PRB, RMA
		00/15-07-074-05W4/0	365.5	376.0	Wbsk B Valley Fill	BP	PRB, RMA
		02/15-07-074-05W4/0	365.3	372.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-08-074-05W4/0	377.5	386.0	Wbsk B Valley Fill	BP	PRB, RMA
		02/12-08-074-05W4/0	378.0	387.4	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-09-074-05W4/0	364.5	374.3	Wbsk B Valley Fill	BP	PRB, RMA
		00/05-11-074-05W4/0	369.0	382.4	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-12-074-05W4/0	352.7	369.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-13-074-05W4/0	398.7	415.1	Wbsk B Valley Fill	BP	PRB, RMA
		02/10-13-074-05W4/0	399.0	414.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-14-074-05W4/0	389.9	405.2	Wbsk B Valley Fill	BP	PRB, RMA
		02/10-14-074-05W4/0	390.0	404.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-16-074-05W4/0	396.7	409.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/14-16-074-05W4/0	393.0	398.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-17-074-05W4/0	392.0	403.1	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-18-074-05W4/0	374.6	384.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-19-074-05W4/0	396.2	407.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/15-20-074-05W4/0	401.0	406.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-21-074-05W4/0	418.0	424.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-21-074-05W4/0	405.7	412.4	Wbsk B Valley Fill	BAAY LAND	PRB, RMA
		00/06-22-074-05W4/0	392.6	401.2	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-30-074-05W4/0	431.0	435.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-30-074-05W4/0	432.7	441.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/13-01-074-06W4/0	381.0	391.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-02-074-06W4/0	397.0	401.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-04-074-06W4/0	398.7	403.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-05-074-06W4/0	388.0	393.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-07-074-06W4/0	403.3	407.2	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-09-074-06W4/0	379.0	384.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-11-074-06W4/0	386.0	397.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/12-12-074-06W4/0	377.5	389.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-13-074-06W4/0	373.4	381.9	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-15-074-06W4/0	371.0	381.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/14-16-074-06W4/0	377.0	386.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/14-17-074-06W4/0	390.0	398.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-19-074-06W4/0	402.0	404.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/06-20-074-06W4/0	386.5	393.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/07-20-074-06W4/0	386.0	392.7	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-21-074-06W4/0	374.0	381.0	Wbsk B Valley Fill	BP	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	UPPER MANNVILLE I (cont.)	00/08-22-074-06W4/0	370.0	382.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-23-074-06W4/0	377.4	384.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-24-074-06W4/0	391.5	400.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-24-074-06W4/0	386.0	397.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/04-25-074-06W4/0	410.5	416.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/11-25-074-06W4/0	428.2	437.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/03-26-074-06W4/0	400.5	405.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/10-26-074-06W4/0	412.2	421.1	Wbsk B Valley Fill	BP	PRB, RMA
		00/03-27-074-06W4/0	386.0	391.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-27-074-06W4/0	417.0	420.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-28-074-06W4/0	382.5	384.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/09-30-074-06W4/0	400.9	403.0	Wbsk B Valley Fill	BP	PRB, RMA
		00/08-33-074-06W4/0	390.6	393.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/05-24-074-07W4/0	412.5	415.5	Wbsk B Valley Fill	BP	PRB, RMA
		00/02-25-074-07W4/0	406.6	408.0	Wbsk B Valley Fill	BP	PRB, RMA
	UPPER MANNVILLE J	00/10-05-073-07W4/0	450.6	451.2	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/11-07-073-07W4/0	449.0	450.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/07-19-073-07W4/0	485.0	486.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-03-073-08W4/0	475.5	476.5	Wbsk B Valley Fill	PETRO-CANADA	PRB, RMA
		00/10-08-073-08W4/0	475.0	476.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/06-09-073-08W4/0	472.0	472.5	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/06-10-073-08W4/0	474.5	475.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/10-13-073-08W4/0	462.0	463.5	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/11-14-073-08W4/0	471.6	475.2	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/10-15-073-08W4/0	479.8	482.2	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/09-17-073-08W4/0	464.0	465.0	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/10-17-073-08W4/0	462.3	463.2	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/15-18-073-08W4/0	454.0	456.3	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/09-19-073-08W4/0	451.5	453.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/16-20-073-08W4/0	459.0	463.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/16-21-073-08W4/0	485.3	486.7	Wbsk B Valley Fill	ISH	PRB, RMA
		00/16-22-073-08W4/0	483.2	484.2	Wbsk B Valley Fill	ISH	PRB, RMA
		00/16-23-073-08W4/0	461.2	462.8	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-24-073-08W4/0	456.4	460.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/01-25-073-08W4/0	461.5	463.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/11-25-073-08W4/0	459.0	460.2	Wbsk B Valley Fill	CNRL	PRB, RMA
	UPPER MANNVILLE II	00/10-34-074-09W4/0	435.0	436.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/16-35-074-09W4/0	448.1	449.5	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-01-075-09W4/0	439.0	441.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-02-075-09W4/0	433.0	433.5	Wbsk B Valley Fill	ISH	PRB, RMA
	UPPER MANNVILLE YYY	00/08-13-072-06W4/0	474.1	477.3	Wbsk B Valley Fill	ENCANA	PRB, RMA
		00/07-14-072-06W4/0	471.0	472.8	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
		00/08-16-072-06W4/0	477.0	478.0	Wbsk B Valley Fill	ENCANA C.	PRB, RMA
	UPPER MANNVILLE U2U	00/05-26-073-08W4/0	476.4	477.6	Wbsk B Valley Fill	ISH	PRB, RMA
		00/11-27-073-08W4/0	476.8	478.2	Wbsk B Valley Fill	ISH	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	UPPER MANNVILLE U2U (cont.)	00/10-29-073-08W4/0	500.0	943.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/11-29-073-08W4/0	451.5	454.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-30-073-08W4/0	438.0	440.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/05-31-073-08W4/0	439.5	443.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/14-31-073-08W4/0	514.9	916.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/06-32-073-08W4/0	441.8	443.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-33-073-08W4/0	462.0	463.0	Wbsk B Valley Fill	PETRO-CANADA	PRB, RMA
		02/10-33-073-08W4/0	460.2	463.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		02/06-35-073-08W4/0	458.0	461.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/06-35-073-08W4/0	460.7	461.6	Wbsk B Valley Fill	CNRL	PRB, RMA
		AA/05-36-073-08W4/0	456.5	457.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/02-25-073-09W4/0	431.0	433.0	Wbsk B Valley Fill	PET	PRB, RMA
		00/10-25-073-09W4/0	494.0	592.0	Wbsk B Valley Fill	PET	PRB, RMA
		00/16-27-073-09W4/0	427.0	429.0	Wbsk B Valley Fill	PET	PRB, RMA
		00/09-35-073-09W4/0	429.0	431.5	Wbsk B Valley Fill	PET	PRB, RMA
		00/10-35-073-09W4/0	536.0	715.0	Wbsk B Valley Fill	PET	PRB, RMA
		00/07-36-073-09W4/0	436.0	439.0	Wbsk B Valley Fill	PET	PRB, RMA
		00/10-36-073-09W4/0	534.0	686.0	Wbsk B Valley Fill	PET	PRB, RMA
		00/03-05-074-08W4/0	449.0	451.7	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/01-06-074-08W4/0	442.2	444.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/08-08-074-08W4/0	436.0	437.0	Wbsk B Valley Fill	PETRO-CANADA	PRB, RMA
		00/11-01-074-09W4/0	424.4	426.8	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-02-074-09W4/0	428.5	430.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/09-03-074-09W4/0	423.0	426.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-11-074-09W4/0	423.5	424.8	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-14-074-09W4/0	420.0	421.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		02/10-14-074-09W4/0	420.7	423.2	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/01-23-074-09W4/0	421.0	427.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/04-24-074-09W4/0	421.0	422.0	Wbsk B Valley Fill	CNRL	PRB, RMA
	UPPER MANNVILLE V2V	00/07-36-073-08W4/0	486.7	487.8	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/12-16-074-07W4/0	443.5	444.5	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-18-074-07W4/0	460.0	461.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/14-18-074-07W4/0	459.2	461.2	Wbsk B Valley Fill	ISH	PRB, RMA
		00/05-19-074-07W4/0	458.0	459.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-01-074-08W4/0	483.0	483.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/07-07-074-08W4/0	439.5	441.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/06-08-074-08W4/0	456.6	459.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-09-074-08W4/0	456.5	458.8	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/11-10-074-08W4/0	453.7	455.6	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/02-11-074-08W4/0	467.0	468.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-11-074-08W4/0	473.2	475.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/12-11-074-08W4/0	453.3	455.4	Wbsk B Valley Fill	ISH	PRB, RMA
		00/09-12-074-08W4/0	472.9	473.9	Wbsk B Valley Fill	ISH	PRB, RMA
		00/14-12-074-08W4/0	480.3	482.6	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-13-074-08W4/0	470.3	474.0	Wbsk B Valley Fill	ISH	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	UPPER MANNVILLE V2V (cont.)	00/11-13-074-08W4/0	477.5	480.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/13-13-074-08W4/0	468.0	469.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/09-14-074-08W4/0	462.3	463.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-14-074-08W4/0	458.7	460.2	Wbsk B Valley Fill	ISH	PRB, RMA
		00/11-14-074-08W4/0	455.0	457.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/12-14-074-08W4/0	450.8	453.5	Wbsk B Valley Fill	ISH	PRB, RMA
		00/15-14-074-08W4/0	456.0	457.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/16-14-074-08W4/0	464.5	467.0	Wbsk B Valley Fill	ISH	PRB, RMA
		00/06-15-074-08W4/0	447.0	448.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/01-16-074-08W4/0	453.3	456.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/01-17-074-08W4/0	454.3	456.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-17-074-08W4/0	456.0	457.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/01-18-074-08W4/0	444.1	446.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/02-19-074-08W4/0	427.0	429.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/09-20-074-08W4/0	446.0	447.8	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/11-22-074-08W4/0	469.0	471.5	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/12-23-074-08W4/0	462.3	464.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/06-24-074-08W4/0	465.9	466.8	Wbsk B Valley Fill	ISH	PRB, RMA
		00/10-12-074-09W4/0	429.0	432.0	Wbsk B Valley Fill	CNRL	PRB, RMA
		00/10-13-074-09W4/0	422.0	423.0	Wbsk B Valley Fill	CNRL	PRB, RMA
	WABISKAW-MCMURRAY A	00/11-32-075-05W4/0	368.5	369.5	Wbsk C Sand	PET	PRB, RMA
		00/01-33-075-05W4/0	367.9	369.0	Wbsk C Sand	TALISMAN	PRB, RMA
		00/11-33-075-05W4/0	363.5	366.0	Wbsk C Sand	TALISMAN	PRB, RMA
		02/11-33-075-05W4/0	363.5	366.0	Wbsk C Sand	TALISMAN	PRB, RMA
		00/11-04-076-05W4/0	359.5	360.5	Wbsk C Sand	PET	PRB, RMA
		00/10-05-076-05W4/0	363.6	366.0	Wbsk C Sand	PET	PRB, RMA
		00/07-19-074-04W4/0	407.0	408.5	Wbsk C Sand	BP	PRB, RMA
		02/07-20-074-04W4/0	396.5	398.0	Wbsk C Sand	BP	PRB, RMA
		00/10-29-074-04W4/0	386.0	390.0	Wbsk C Sand	BP	PRB, RMA
		00/11-30-074-04W4/0	371.0	372.0	Wbsk C Sand	BP	PRB, RMA
		00/03-31-074-04W4/0	361.0	362.0	Wbsk C Sand	DEVON AOG	PRB, RMA
		00/06-31-074-04W4/0	361.5	362.0	Wbsk C Sand	DEVON AOG	PRB, RMA
		00/10-25-074-05W4/0	375.0	376.0	Wbsk C Sand	BP	PRB, RMA
		02/10-25-074-05W4/0	376.0	377.0	Wbsk C Sand	BP	PRB, RMA
		00/14-35-074-05W4/0	377.0	378.0	Wbsk C Sand	BP	PRB, RMA
		03/14-35-074-05W4/0	379.0	380.0	Wbsk C Sand	BP	PRB, RMA
		00/02-36-074-05W4/0	351.5	353.0	Wbsk C Sand	BP	PRB, RMA
		00/03-36-074-05W4/0	347.5	351.0	Wbsk C Sand	BP	PRB, RMA
		00/11-01-075-05W4/0	356.0	359.0	Wbsk C Sand	BP	PRB, RMA
		00/13-02-075-05W4/0	390.0	391.1	Wbsk C Sand	BP	PRB, RMA
		00/08-09-075-05W4/0	372.0	374.0	Wbsk C Sand	DEVON AOG	PRB, RMA
		02/08-09-075-05W4/0	373.0	374.3	Wbsk C Sand	DEVON AOG	PRB, RMA
		00/13-11-075-05W4/0	364.7	370.0	Wbsk C Sand	BP	PRB, RMA
		00/05-12-075-05W4/0	362.0	365.8	Wbsk C Sand	BP	PRB, RMA
		00/04-14-075-05W4/0	371.8	377.0	Wbsk C Sand	DEVON AOG	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	WABISKAW-MCMURRAY A (cont.)	00/02-15-075-05W4/0	367.0	370.5	Wbsk C Sand	BP	PRB, RMA
		00/07-15-075-05W4/0	368.2	370.5	Wbsk C Sand	BP	PRB, RMA
		02/07-15-075-05W4/0	368.2	370.5	Wbsk C Sand	BP	PRB, RMA
		00/03-22-075-05W4/0	369.6	370.0	Wbsk C Sand	DEVON AOG	PRB, RMA
		00/04-23-075-05W4/0	364.9	370.0	Wbsk C Sand	DEVON ARL	PRB, RMA
		00/06-36-075-06W4/0	356.5	357.0	Wbsk C Sand	DEVON	PRB, RMA
		00/04-01-076-06W4/0	358.3	359.5	Wbsk C Sand	DEVON	PRB, RMA
		AA/02-02-076-06W4/0	360.0	361.0	Wbsk C Sand	ENCANA C.	PRB, RMA
		AA/04-02-076-06W4/0	356.0	357.0	Wbsk C Sand	ENCANA C.	PRB, RMA
		00/04-03-076-06W4/0	351.5	353.0	Wbsk C Sand	DEVON	PRB, RMA
		AA/06-03-076-06W4/0	350.5	351.5	Wbsk C Sand	ENCANA C.	PRB, RMA
		00/15-10-075-05W4/0	376.5	379.0	McM A1 Seq	BP	PRB, RMA
		00/02-15-075-05W4/0	370.5	379.0	Wbsk D Valley Fill	BP	PRB, RMA
		00/07-15-075-05W4/0	370.5	378.5	Wbsk D Valley Fill	BP	PRB, RMA
		02/07-15-075-05W4/0	370.5	378.5	Wbsk D Valley Fill	BP	PRB, RMA
		00/08-16-075-05W4/0	372.0	374.8	McM A1 Seq	DEVON AOG	PRB, RMA
		00/01-21-075-05W4/0	370.8	374.6	McM A1 Seq	DEVON AOG	PRB, RMA
		00/03-22-075-05W4/0	371.0	374.0	McM A1 Seq	DEVON AOG	PRB, RMA
		00/11-22-075-05W4/0	373.8	376.0	McM A1 Seq	DEVON AOG	PRB, RMA
		AA/11-23-075-05W4/0	363.0	364.0	McM A1 Seq	CNRL	PRB, RMA
		00/06-27-075-05W4/0	377.5	380.0	McM A1 Seq	DEVON AOG	PRB, RMA
		00/06-28-075-05W4/0	376.0	380.0	McM A1 Seq	DEVON AOG	PRB, RMA
		00/12-30-075-05W4/0	372.5	377.0	Wbsk D Valley Fill	DEVON	PRB, RMA
		00/11-32-075-05W4/0	370.0	374.8	Wbsk D Valley Fill	PET	PRB, RMA
		00/01-33-075-05W4/0	370.6	374.3	McM A1 Seq	TALISMAN	PRB, RMA
		00/11-33-075-05W4/0	366.0	369.5	Wbsk D Valley Fill	TALISMAN	PRB, RMA
		02/11-33-075-05W4/0	366.0	369.5	Wbsk D Valley Fill	TALISMAN	PRB, RMA
		00/04-34-075-05W4/0	370.2	371.3	McM A1 Seq	TALISMAN	PRB, RMA
		02/04-34-075-05W4/0	370.2	371.3	Wbsk D Valley Fill	TALISMAN	PRB, RMA
		00/12-26-075-06W4/0	350.8	353.0	Wbsk D Valley Fill	DEVON	PRB, RMA
		00/06-36-075-06W4/0	357.0	359.5	Wbsk D Valley Fill	DEVON	PRB, RMA
		00/11-04-076-05W4/0	361.3	366.7	McM Channel	PET	PRB, RMA
		00/10-05-076-05W4/0	366.4	371.3	McM Channel	PET	PRB, RMA
		00/04-01-076-06W4/0	359.5	367.0	Wbsk D Valley Fill	DEVON	PRB, RMA
		AA/02-02-076-06W4/0	362.0	362.7	Wbsk D Valley Fill	ENCANA C.	PRB, RMA
		00/15-02-076-06W4/0	337.0	339.8	Wbsk D Valley Fill	CNRL	PRB, RMA
		02/07-20-074-04W4/0	398.0	401.5	McM A1 Seq	BP	PRB, RMA
		00/10-29-074-04W4/0	390.0	392.0	McM A1 Seq	BP	PRB, RMA
		00/11-30-074-04W4/0	373.5	376.0	McM A1 Seq	BP	PRB, RMA
		02/15-30-074-04W4/0	366.0	369.0	McM A Channel	BP	PRB, RMA
		00/03-31-074-04W4/0	362.0	369.0	McM A Channel	DEVON AOG	PRB, RMA
		02/03-31-074-04W4/0	364.5	371.0	McM A Channel	DEVON AOG	PRB, RMA
		00/06-31-074-04W4/0	362.0	369.5	McM A Channel	DEVON AOG	PRB, RMA
		00/10-25-074-05W4/0	377.0	381.0	McM A1 Seq	BP	PRB, RMA
		02/10-25-074-05W4/0	377.0	379.0	McM A1 Seq	BP	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
KIRBY (cont.)	WABISKAW-MCMURRAY A (cont.)	00/14-35-074-05W4/0	380.5	390.0	McM A Channel	BP	PRB, RMA
		03/14-35-074-05W4/0	382.0	387.0	McM A Channel	BP	PRB, RMA
		03/14-35-074-05W4/0	390.0	390.6	McM A Channel	BP	PRB, RMA
		00/03-36-074-05W4/0	351.0	353.0	McM Channel	BP	PRB, RMA
LEISMER	WABISKAW K	00/10-27-078-09W4/0	367.6	368.8	Wbsk C Sand	PARAMOUNT	PRB, RMA
		00/16-28-078-09W4/0	377.0	378.0	Wbsk C Sand	PET	PRB, RMA
		00/07-29-078-09W4/0	392.0	393.0	Wbsk C Sand	ENCANA C	PRB, RMA
		00/07-32-078-09W4/0	400.6	401.0	Wbsk C Sand	ENCANA	PRB, RMA
	WABISKAW U/D-086	00/06-08-078-10W4/0	411.0	412.0	Wbsk C Sand	PET	PRB, RMA
	WABISKAW-MCMURRAY A	00/11-17-077-07W4/0	299.6	302.2	Wbsk C Sand	DEVON	PRB, RMA
		00/06-20-077-07W4/0	301.8	305.5	Wbsk C Sand	DEVON	PRB, RMA
		AA/14-27-077-07W4/0	290.3	291.0	Wbsk C Sand	NEXEN	PRB, RMA
		00/10-29-077-07W4/0	292.0	293.5	Wbsk C Sand	DEVON	PRB, RMA
		00/06-30-077-07W4/0	290.8	292.5	Wbsk C Sand	DEVON ARL	PRB, RMA
		AA/02-31-077-07W4/0	289.8	291.0	Wbsk C Sand	NEXEN	PRB, RMA
		00/07-32-077-07W4/0	286.7	289.2	Wbsk C Sand	DEVON ARL	PRB, RMA
		AA/15-32-077-07W4/0	291.0	292.0	Wbsk C Sand	NEXEN	PRB, RMA
		00/16-32-077-07W4/0	292.8	295.4	Wbsk C Sand	DEVON ARL	PRB, RMA
		AA/06-34-077-07W4/0	296.2	297.2	Wbsk C Sand	NEXEN	PRB, RMA
		00/08-34-077-07W4/0	294.6	295.8	Wbsk C Sand	BP	PRB, RMA
		00/09-34-077-06W4/0	300.0	302.4	Wbsk C Sand	BP	PRB, RMA
		00/11-36-077-06W4/0	296.2	297.5	Wbsk C Sand	BP	PRB, RMA
		00/11-02-078-07W4/0	298.9	300.0	Wbsk C Sand	DEVON	PRB, RMA
		00/06-03-078-07W4/0	287.0	288.5	Wbsk C Sand	DEVON	PRB, RMA
		00/07-04-078-07W4/0	289.0	291.0	Wbsk C Sand	BP	PRC, RMA
		00/06-05-078-07W4/0	276.4	280.0	Wbsk C Sand	BP	PRB, RMA
		00/08-05-078-07W4/0	286.8	289.5	Wbsk C Sand	BP	PRB, RMA
		00/09-07-078-07W4/0	291.0	293.0	Wbsk C Sand	BP	PRB, RMA
		00/11-07-078-07W4/0	294.2	295.0	Wbsk C Sand	BP	PRB, RMA
		00/16-09-078-07W4/0	282.2	283.5	Wbsk C Sand	BP	PRB, RMA
		00/08-10-078-07W4/0	272.0	273.8	Wbsk C Sand	DEVON	PRB, RMA
		00/05-15-078-07W4/0	268.2	269.5	Wbsk C Sand	DEVON	PRB, RMA
		00/06-16-078-07W4/0	280.1	281.6	Wbsk C Sand	BP	PRB, RMA
		00/11-17-078-07W4/0	277.4	278.1	Wbsk C Sand	BP	PRB, RMA
		00/10-19-078-07W4/0	283.0	284.0	Wbsk C Sand	DEVON	PRB, RMA
		00/10-20-078-07W4/0	280.0	281.0	Wbsk C Sand	DEVON	PRB, RMA
		00/12-21-078-07W4/0	260.0	260.4	Wbsk C Sand	DEVON ARL	PRB, RMA
		00/05-22-078-07W4/0	242.8	244.1	Wbsk C Sand	CNRL	PRB, RMA
		00/11-23-078-07W4/0	269.0	270.0	Wbsk C Sand	DEVON ARL	PRB, RMA
		00/15-26-078-07W4/0	272.1	273.0	Wbsk C Sand	CNRL	PRB, RMA
		00/10-27-078-07W4/0	284.0	285.5	Wbsk C Sand	CNRL	PRB, RMA
		00/07-28-078-07W4/0	289.3	290.2	Wbsk C Sand	DEVON	PRB, RMA
		00/07-29-078-07W4/0	281.5	282.5	Wbsk C Sand	DEVON	PRB, RMA
		00/06-30-078-07W4/0	286.5	289.5	Wbsk C Sand	DEVON	PRB, RMA
		00/12-31-078-07W4/0	288.6	289.2	Wbsk C Sand	DEVON ARL	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
LEISMER (cont.)	WABISKAW-MCMURRAY A (cont.)	00/11-34-078-07W4/0	282.0	282.8	Wbsk C Sand	CNRL	PRB, RMA
		00/07-35-078-07W4/0	277.0	277.7	Wbsk C Sand	CNRL	PRB, RMA
		00/06-36-078-07W4/0	266.7	267.5	Wbsk C Sand	CNRL	PRB, RMA
		00/13-36-078-07W4/0	287.5	288.3	Wbsk C Sand	CNRL	PRB, RMA
		00/03-03-078-08W4/0	295.5	296.5	Wbsk C Sand	BP	PRB, RMA
		00/03-09-078-08W4/0	310.8	312.7	Wbsk C Sand	PET	PRB, RMA
		00/10-12-078-08W4/0	292.3	294.5	Wbsk C Sand	PET	PRB, RMA
		00/03-14-078-08W4/0	299.0	302.0	Wbsk C Sand	PET	PRB, RMA
		00/05-15-078-08W4/0	296.1	298.0	Wbsk C Sand	PET	PRB, RMA
		00/02-16-078-08W4/0	295.0	298.0	Wbsk C Sand	PET	PRB, RMA
		00/02-17-078-08W4/0	316.2	318.5	Wbsk C Sand	PET	PRB, RMA
		00/15-20-078-08W4/0	307.8	309.0	Wbsk C Sand	PET	PRB, RMA
		00/10-21-078-08W4/0	306.2	307.3	Wbsk C Sand	PET	PRB, RMA
		00/12-22-078-08W4/0	309.0	311.0	Wbsk C Sand	PET	PRB, RMA
		00/11-23-078-08W4/0	293.8	295.5	Wbsk C Sand	PET	PRB, RMA
		00/11-26-078-08W4/0	293.0	294.4	Wbsk C Sand	PET	PRB, RMA
		00/09-27-078-08W4/0	289.5	291.2	Wbsk C Sand	PET	PRB, RMA
		00/06-28-078-08W4/0	306.0	309.0	Wbsk C Sand	PET	PRB, RMA
		00/08-29-078-08W4/0	310.3	313.0	Wbsk C Sand	PET	PRB, RMA
		00/09-34-078-08W4/0	296.1	297.6	Wbsk C Sand	PET	PRB, RMA
		00/11-36-078-08W4/0	295.4	297.0	Wbsk C Sand	PET	PRB, RMA
		00/11-06-079-06W4/0	290.0	291.0	Wbsk C Sand	CNRL	PRB, RMA
		00/12-31-079-06W4/0	288.2	289.2	Wbsk C Sand	CNRL	PRB, RMA
		00/13-01-079-07W4/0	287.0	288.0	Wbsk C Sand	CNRL	PRB, RMA
		02/13-01-079-07W4/0	288.0	289.0	Wbsk C Sand	CNRL	PRB, RMA
		00/05-04-079-07W4/0	290.0	291.2	Wbsk C Sand	CNRL	PRB, RMA
		00/10-05-079-07W4/0	294.4	295.0	Wbsk C Sand	CNRL	PRB, RMA
		00/12-05-079-07W4/0	297.0	298.2	Wbsk C Sand	CNRL	PRB, RMA
		02/09-06-079-07W4/0	291.8	293.2	Wbsk C Sand	CNRL	PRB, RMA
		00/10-06-079-07W4/0	287.2	289.2	Wbsk C Sand	PET	PRB, RMA
		00/09-07-079-07W4/0	291.8	293.0	Wbsk C Sand	CNRL	PRB, RMA
		00/11-08-079-07W4/0	296.0	297.0	Wbsk C Sand	CNRL	PRB, RMA
		00/03-09-079-07W4/0	301.0	302.7	Wbsk C Sand	CNRL	PRB, RMA
		00/03-09-079-07W4/0	303.5	306.0	McM A Channel	CNRL	PRB, RMA
		00/10-12-079-07W4/0	281.3	281.9	Wbsk C Sand	CNRL	PRB, RMA
		00/13-16-079-07W4/0	304.8	306.2	Wbsk C Sand	CNRL	PRB, RMA
		00/12-17-079-07W4/0	298.3	299.6	Wbsk C Sand	CNRL	PRB, RMA
		00/03-18-079-07W4/0	301.0	301.2	Wbsk C Sand	CNRL	PRB, RMA
		00/09-18-079-07W4/0	299.0	300.2	Wbsk C Sand	CNRL	PRB, RMA
		00/09-19-079-07W4/0	301.2	302.5	Wbsk C Sand	CNRL	PRB, RMA
		00/05-20-079-07W4/0	300.0	301.0	Wbsk C Sand	CNRL	PRB, RMA
		00/10-25-079-07W4/0	295.3	296.2	Wbsk C Sand	CNRL	PRB, RMA
		02/04-28-079-07W4/0	307.0	308.0	Wbsk C Sand	CNRL	PRB, RMA
		00/04-30-079-07W4/0	313.0	314.5	Wbsk C Sand	ENCANA C	PRB, RMA
		00/11-33-079-07W4/0	318.0	319.8	Wbsk C Sand	CNRL	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
LEISMER (cont.)	WABISKAW-MCMURRAY A (cont.)	00/12-35-079-07W4/0	304.7	305.2	Wbsk C Sand	CNRL	PRB, RMA
		00/12-36-079-07W4/0	288.2	289.0	Wbsk C Sand	CNRL	PRB, RMA
		00/07-03-079-08W4/0	307.0	309.0	Wbsk C Sand	PET	PRB, RMA
		00/11-11-079-08W4/0	306.0	308.0	Wbsk C Sand	PET	PRB, RMA
		00/10-12-079-08W4/0	297.5	298.4	Wbsk C Sand	PET	PRB, RMA
		00/09-13-079-08W4/0	299.0	300.0	Wbsk C Sand	CNRL	PRB, RMA
		00/13-13-079-08W4/0	307.5	308.5	Wbsk C Sand	CNRL	PRB, RMA
		00/01-14-079-08W4/0	305.0	306.2	Wbsk C Sand	CNRL	PRB, RMA
		00/12-14-079-08W4/0	321.0	322.0	Wbsk C Sand	PRIMEWEST	PRB, RMA
		00/11-15-079-08W4/0	335.0	336.5	Wbsk C Sand	CNRL	PRB, RMA
		00/11-16-079-08W4/0	341.3	342.0	Wbsk C Sand	CNRL	PRB, RMA
		00/03-20-079-08W4/0	346.0	346.8	Wbsk C Sand	ENCANA C.	PRB, RMA
		00/01-21-079-08W4/0	334.0	335.0	Wbsk C Sand	CNRL	PRB, RMA
		00/03-22-079-08W4/0	331.5	333.0	Wbsk C Sand	CNRL	PRB, RMA
		00/03-28-079-08W4/0	352.0	353.0	Wbsk C Sand	ENCANA C.	PRB, RMA
		00/07-06-080-06W4/0	288.3	290.0	Wbsk C Sand	CNRL	PRB, RMA
		00/06-02-080-07W4/0	306.3	308.5	Wbsk C Sand	PETRO-CANADA	PRB, RMA
		00/11-06-080-07W4/0	337.0	339.0	Wbsk C Sand	NORTHSTAR	PRB, RMA
		00/14-12-080-08W4/0	356.5	358.5	Wbsk C Sand	PET	PRB, RMA
		00/06-15-079-07W4/0	305.0	309.0	McM A Channel	CNRL	PRB, RMA
		00/15-26-078-07W4/0	274.0	278.8	McM A2 Seq	CNRL	PRB, RMA
		00/07-35-078-07W4/0	279.2	281.9	McM A2 Seq	CNRL	PRB, RMA
		00/06-36-078-07W4/0	268.0	277.0	McM A2 Seq	CNRL	PRB, RMA
		00/13-36-078-07W4/0	289.0	290.5	McM A2 Seq	CNRL	PRB, RMA
		02/13-01-079-07W4/0	290.0	296.0	McM A2 Seq	CNRL	PRB, RMA
		00/04-13-079-07W4/0	287.0	289.0	McM A2 Seq	CNRL	PRB, RMA
		02/09-06-079-07W4/0	294.5	296.0	McM A Channel	CNRL	PRB, RMA
		00/09-07-079-07W4/0	294.0	296.0	McM A1 Seq	CNRL	PRB, RMA
		00/11-08-079-07W4/0	298.5	300.2	McM A1 Seq	CNRL	PRB, RMA
		00/13-16-079-07W4/0	307.0	310.5	McM A Channel	CNRL	PRB, RMA
		00/12-17-079-07W4/0	301.0	303.0	McM A1 Seq	CNRL	PRB, RMA
		00/09-18-079-07W4/0	301.3	304.5	McM A Channel	CNRL	PRB, RMA
		00/09-19-079-07W4/0	304.7	306.5	McM A1 Seq	CNRL	PRB, RMA
		00/05-20-079-07W4/0	302.2	304.5	McM A1 Seq	CNRL	PRB, RMA
		00/07-21-079-07W4/0	313.2	315.0	McM A1 Seq	CNRL	PRB, RMA
		00/12-22-079-07W4/0	314.0	316.7	McM A1 Seq	CNRL	PRB, RMA
		00/04-30-079-07W4/0	316.0	317.8	McM A1 Seq	ENCANA C.	PRB, RMA
	WABISKAW-MCMURRAY C	00/11-16-079-09W4/0	413.5	415.0	Wbsk C Sand	ENCANA C.	PRB, RMA
		02/11-16-079-09W4/0	414.0	415.0	Wbsk C Sand	PET	PRB, RMA
		00/06-07-079-09W4/0	392.0	393.8	Wbsk C Sand	ENCANA	PRB, RMA
		00/06-18-079-09W4/0	401.0	401.7	Wbsk C Sand	ENCANA	PRB, RMA
		00/06-07-079-09W4/0	393.8	395.5	McM A1 Seq	ENCANA	PRB, RMA
		00/08-08-079-09W4/0	398.5	400.5	McM A1 Seq	ENCANA C.	PRB, RMA
		00/11-16-079-09W4/0	415.3	417.4	McM A1 Seq	ENCANA C.	PRB, RMA
		02/11-16-079-09W4/0	415.3	417.0	McM A1 Seq	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
LEISMER (cont.)	WABISKAW-MCMURRAY C (cont.)	00/12-16-079-09W4/0	418.3	421.0	McM A1 Seq	PET	PRB, RMA
		00/05-17-079-09W4/0	397.7	401.0	McM A1 Seq	ENCANA C.	PRB, RMA
		00/06-18-079-09W4/0	401.7	403.1	McM A1 Seq	ENCANA	PRB, RMA
		00/08-19-079-09W4/0	410.5	413.5	McM A1 Seq	ENCANA C.	PRB, RMA
		00/07-10-079-10W4/0	407.6	408.5	McM A1 Seq	PET	PRB, RMA
		00/10-12-079-10W4/0	393.0	394.0	McM A1 Seq	ENCANA	PRB, RMA
		00/07-13-079-10W4/0	409.0	410.2	McM A1 Seq	ENCANA C.	PRB, RMA
		00/06-14-079-10W4/0	384.0	387.5	McM A1 Seq	PET	PRB, RMA
		00/07-14-079-10W4/0	384.0	386.0	McM A1 Seq	PET	PRB, RMA
		00/08-15-079-10W4/0	409.8	410.8	McM A1 Seq	PET	PRB, RMA
		00/02-16-079-10W4/0	421.6	424.0	McM A1 Seq	PET	PRB, RMA
		00/06-23-079-10W4/0	409.0	412.0	McM A1 Seq	PET	PRB, RMA
		00/03-24-079-10W4/0	416.0	419.0	McM A1 Seq	ENCANA C.	PRB, RMA
		00/12-25-079-10W4/0	432.0	435.0	McM A1 Seq	ENCANA C.	PRB, RMA
		00/15-26-079-10W4/0	432.5	434.0	McM A1 Seq	PET	PRB, RMA
		00/06-35-079-10W4/0	433.5	435.0	McM A1 Seq	PET	PRB, RMA
		00/08-08-079-09W4/0	400.5	406.0	McM Channel	ENCANA C.	PRB, RMA
		00/05-17-079-09W4/0	401.0	406.2	McM Channel	ENCANA C.	PRB, RMA
		00/08-19-079-09W4/0	417.0	420.0	McM Channel	ENCANA C.	PRB, RMA
	WABISKAW-MCMURRAY D	00/14-13-077-08W4/0	301.2	302.4	Wbsk C Sand	BP	PRB, RMA
		00/07-14-077-08W4/0	312.0	313.0	Wbsk C Sand	BP	PRB, RMA
		00/09-15-077-08W4/0	308.0	310.0	Wbsk C Sand	BP	PRB, RMA
		00/10-16-077-08W4/0	302.7	303.8	Wbsk C Sand	BP	PRB, RMA
		00/12-21-077-08W4/0	310.4	311.5	Wbsk C Sand	BP	PRB, RMA
		00/06-22-077-08W4/0	300.0	301.2	Wbsk C Sand	BP	PRB, RMA
		00/02-23-077-08W4/0	313.2	314.5	Wbsk C Sand	BP	PRB, RMA
		00/04-23-077-08W4/0	308.0	309.0	Wbsk C Sand	BP	PRB, RMA
		AA/06-23-077-08W4/0	300.0	301.1	Wbsk C Sand	NEXEN	PRB, RMA
		00/06-24-077-08W4/0	300.0	301.2	Wbsk C Sand	BP	PRB, RMA
		AA/14-24-077-08W4/0	300.0	301.0	Wbsk C Sand	NEXEN	PRB, RMA
		00/07-26-077-08W4/0	293.5	295.0	Wbsk C Sand	BP	PRB, RMA
		AA/07-26-077-08W4/0	294.2	295.6	Wbsk C Sand	PETRO-CANADA	PRB, RMA
		00/07-14-077-08W4/0	314.3	315.3	McM A Channel	BP	PRB, RMA
		00/02-23-077-08W4/0	315.5	316.2	McM A1 Seq	BP	PRB, RMA
	WABISKAW-MCMURRAY E	00/10-26-079-09W4/0	413.0	414.5	McM A1 Seq	ENCANA	PRB, RMA
		00/11-27-079-09W4/0	410.0	411.8	McM A1 Seq	ENCANA C.	PRB, RMA
		00/01-29-079-09W4/0	415.0	417.0	McM A1 Seq	ENCANA	PRB, RMA
		00/09-32-079-09W4/0	428.0	430.0	McM A1 Seq	ENCANA C.	PRB, RMA
		00/06-34-079-09W4/0	410.0	411.5	McM A1 Seq	ENCANA C.	PRB, RMA
		00/10-35-079-09W4/0	407.1	408.5	McM A1 Seq	ENCANA C.	PRB, RMA
		00/11-07-080-09W4/0	434.0	436.0	McM A1 Seq	ENCANA	PRB, RMA
		00/06-08-080-09W4/0	437.1	438.0	McM A1 Seq	CNRL	PRB, RMA
		00/08-29-080-09W4/0	425.0	427.0	McM A1 Seq	ENCANA C.	PRB, RMA
		00/12-17-080-09W4/0	430.0	431.5	McM A1 Seq	ENCANA	PRB, RMA
		00/08-20-080-09W4/0	429.3	431.2	McM A1 Seq	ENCANA C.	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
LEISMER (cont.)	WABISKAW-MCMURRAY E (cont.)	00/06-34-079-09W4/0	412.2	412.5	McM A2 Seq	ENCANA C.	PRB, RMA
		00/12-17-080-09W4/0	436.5	437.0	McM Channel	ENCANA	PRB, RMA
		00/08-20-080-09W4/0	431.2	433.0	McM Channel	ENCANA C.	PRB, RMA
		00/08-29-080-09W4/0	427.0	429.0	McM Channel	ENCANA C.	PRB, RMA
	MCMURRAY P	00/07-29-078-09W4/0	419.0	421.0	McM C Channel	ENCANA C.	PRB, RMA
	MCMURRAY Q	00/03-20-079-08W4/0	375.0	378.5	McM C Channe	ENCANA C.	PRB, RMA
		00/08-13-079-09W4/0	383.0	384.5	McM C Channel	ENCANA C.	PRB, RMA
	MCMURRAY X	00/09-32-079-09W4/0	452.0	453.0	McM C Channel	ENCANA C.	PRB, RMA
	MCMURRAY AA	00/07-05-080-09W4/0	440.0	448.0	McM B1 Seq	ENCANA	PRB, RMA
		00/06-06-080-09W4/0	439.0	449.0	McM Channel	ENCANA C.	PRB, RMA
		00/11-07-080-09W4/0	437.0	446.2	McM Channel	ENCANA	PRB, RMA
	MCMURRAY NN	00/11-15-077-11W4/0	448.5	458.2	McM Channel	PET	PRB, RMA
	MCMURRAY OO	00/09-07-077-10W4/0	460.8	464.5	McM Channel	PET	PRB, RMA
		00/09-12-077-11W4/0	450.5	457.0	McM Channel	PET	PRB, RMA
		00/09-13-077-11W4/0	467.4	468.0	McM Channel	PET	PRB, RMA
	MCMURRAY QQ	00/06-14-079-10W4/0	391.8	401.0	McM Channel	PET	PRB, RMA
		00/07-14-079-10W4/0	392.3	400.0	McM Channel	PET	PRB, RMA
		00/08-15-079-10W4/0	421.0	421.8	McM Channel	PET	PRB, RMA
	MCMURRAY SS	00/05-27-077-11W4/0	460.0	465.0	McM B1 Seq	PET	PRB, RMA
	MCMURRAY TT	00/06-35-077-11W4/0	461.3	464.3	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-325	00/12-09-079-10W4/0	423.0	424.0	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-386	00/16-03-080-08W4/0	385.0	387.0	McM C Channel	NORTHSTAR	PRB, RMA
	MCMURRAY EEE	00/10-22-077-11W4/0	470.0	472.4	McM Channel	PET	PRB, RMA
	MCMURRAY K2K	00/08-16-078-10W4/0	392.5	393.0	McM A1 Seq	PET	PRB, RMA
		00/05-20-078-10W4/0	414.0	416.0	McM A1 Seq	PET	PRB, RMA
		00/06-21-078-10W4/0	402.0	402.7	McM A1 Seq	PET	PRB, RMA
	MCMURRAY P2P	00/09-13-077-11W4/0	461.7	462.6	McM B1 Seq	PET	PRB, RMA
	MCMURRAY Z2Z	00/03-09-078-08W4/0	315.1	318.2	McM Channel	PET	PRB, RMA
		00/03-14-078-08W4/0	302.9	305.0	McM A2 Seq	PET	PRB, RMA
		00/05-15-078-08W4/0	299.0	302.0	McM Channel	PET	PRB, RMA
		00/12-22-078-08W4/0	312.0	313.0	McM Channel	PET	PRB, RMA
		00/11-23-078-08W4/0	296.4	299.0	McM A2 Seq	PET	PRB, RMA
		00/06-28-078-08W4/0	312.6	313.0	McM Channel	PET	PRB, RMA
	MCMURRAY A3A	00/02-17-078-08W4/0	320.0	323.0	McM Channel	PET	PRB, RMA
	MCMURRAY B3B	00/10-06-077-10W4/0	449.0	452.6	McM Channel	PET	PRB, RMA
	MCMURRAY V3V	00/05-33-078-10W4/0	404.0	408.6	McM B1 Seq	PET	PRB, RMA
		00/12-03-079-10W4/0	417.3	418.0	McM B1 Seq	PET	PRB, RMA
		00/12-09-079-10W4/0	417.0	418.3	McM B1 Seq	PET	PRB, RMA
		00/02-16-079-10W4/0	428.5	429.0	McM B1 Seq	PET	PRB, RMA
	MCMURRAY Y3Y	00/06-07-079-09W4/0	397.0	402.5	McM Channel	ENCANA	PRB, RMA
		00/06-18-079-09W4/0	412.2	413.8	McM Channel	ENCANA	PRB, RMA
		00/03-24-079-10W4/0	425.0	425.5	McM B1 Seq	ENCANA C.	PRB, RMA
		00/03-24-079-10W4/0	430.0	431.0	McM B1 Seq	ENCANA C.	PRB, RMA
	MCMURRAY I4I	00/04-30-079-07W4/0	323.5	329.0	McM Channel	ENCANA C.	PRB, RMA
LIEGE	WABISKAW U/D-051	00/11-09-096-17W4/0	455.0	456.0	Wbsk C Sand	PET	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
NEWBY	WABISKAW N	00/14-11-084-06W4/0	244.0	244.8	Wbsk D Valley Fill	PET	PRB, RMA
	WABISKAW-MCMURRAY J	00/12-14-084-06W4/0	205.5	206.1	Wbsk D Valley Fill	PET	PRB, RMA
		00/07-16-084-06W4/0	209.0	209.4	Wbsk D Valley Fill	CNRL	PRB, RMA
		00/09-17-084-06W4/0	213.0	213.7	Wbsk D Valley Fill	CNRL	PRB, RMA
		00/10-21-084-06W4/0	197.4	198.1	Wbsk D Valley Fill	CNRL	PRB, RMA
		00/06-09-084-06W4/0	239.7	240.0	Wbsk D Valley Fill	CNRL	PRB, RMA
		00/05-10-084-06W4/0	222.0	222.7	Wbsk D Valley Fill	CNRL	PRB, RMA
		00/06-09-084-06W4/0	240.4	241.5	McM A1 Seq	CNRL	PRB, RMA
		00/05-10-084-06W4/0	223.8	224.8	McM A1 Seq	CNRL	PRB, RMA
		00/07-16-084-06W4/0	211.0	211.9	McM A1 Seq	CNRL	PRB, RMA
		00/09-17-084-06W4/0	214.3	215.8	McM A1 Seq	CNRL	PRB, RMA
		00/10-20-084-06W4/0	217.8	219.2	McM A1 Seq	CNRL	PRB, RMA
		00/06-09-084-06W4/0	243.0	250.0	McM Channel	CNRL	PRB, RMA
		00/07-16-084-06W4/0	213.7	222.7	McM Channel	CNRL	PRB, RMA
		00/09-17-084-06W4/0	217.3	225.0	McM Channel	CNRL	PRB, RMA
		00/10-21-084-06W4/0	198.5	209.0	McM Channel	CNRL	PRB, RMA
		00/05-10-084-06W4/0	225.0	231.0	McM Channel	CNRL	PRB, RMA
		00/12-14-084-06W4/0	207.0	209.0	McM Channel	PET	PRB, RMA
	MCMURRAY ZZZ	00/11-03-082-05W4/0	200.0	208.0	McM Channel	CNRL	PRB, RMA
		00/10-04-082-05W4/0	203.0	213.5	McM Channel	PET	PRB, RMA
		00/07-05-082-05W4/0	216.0	221.0	McM Channel	PET	PRB, RMA
		00/02-08-082-05W4/0	208.0	220.0	McM Channel	PET	PRB, RMA
		00/07-09-082-05W4/0	187.0	208.5	McM Channel	PET	PRB, RMA
		00/02-10-082-05W4/0	205.0	209.0	McM Channel	CNRL	PRB, RMA
	MCMURRAY C2C	00/15-07-082-05W4/0	209.5	219.0	McM Channel	PET	PRB, RMA
		00/02-18-082-05W4/0	207.0	221.0	McM Channel	PET	PRB, RMA
RESDELN	WABISKAW-MCMURRAY A	00/05-07-084-06W4/0	307.8	308.5	Wbsk D Valley Fill	PARAMOUNT	PRB, RMA
		00/03-13-084-07W4/0	272.0	272.5	Wbsk D Valley Fill	PET	PRB, RMA
		00/05-07-084-06W4/0	309.0	310.7	McM A1 Seq	PARAMOUNT	PRB, RMA
		00/03-18-084-06W4/0	296.2	298.0	McM A1 Seq	PET	PRB, RMA
		00/05-07-084-06W4/0	311.8	322.0	McM Channel	PARAMOUNT	PRB, RMA
		00/03-13-084-07W4/0	275.9	284.0	McM Channel	PET	PRB, RMA
	MCMURRAY JJ	00/06-12-084-07W4/0	297.5	304.0	McM B1 Seq	PET	PRB, RMA
	MCMURRAY PP	00/03-18-084-06W4/0	303.0	310.0	McM Channel	PET	PRB, RMA
	MCMURRAY RR	00/03-13-084-07W4/0	273.0	274.8	McM A1 Seq	PET	PRB, RMA
		00/10-24-084-07W4/0	253.5	255.5	McM A1 Seq	PET	PRB, RMA
	MCMURRAY U/D-060	00/03-18-084-06W4/0	318.5	319.3	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-061	00/03-13-084-07W4/0	290.5	291.2	McM Channel	PET	PRB, RMA
	MCMURRAY U/D-073	00/06-12-084-07W4/0	308.3	314.7	McM Channel	PET	PRB, RMA
TAR	WABISKAW K	00/12-28-099-14W4/0	512.0	517.0	Wbsk C Sand	ENCANA	PRB, RMA
	WABISKAW O	00/11-23-098-14W4/0	551.0	553.0	Wbsk C Sand	ENCANA	PRB, RMA
		00/03-35-098-14W4/0	537.3	539.6	Wbsk C Sand	ENCANA	PRB, RMA
		00/01-01-099-14W4/0	532.0	535.0	Wbsk C Sand	ENCANA	PRB, RMA
		AA/07-01-099-14W4/0	538.8	540.7	Wbsk C Sand	IMPERIAL	PRB, RMA
		00/05-33-098-14W4/0	528.0	529.7	Wbsk C Sand	ENCANA	PRB, RMA

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
TAR (cont.)	WABISKAW P	00/09-03-099-14W4/0	522.7	525.8	Wbsk C Sand	ENCANA	PRB, RMA
		00/11-07-099-14W4/0	472.0	472.6	Wbsk C Sand	ENCANA	PRB, RMA
		00/02-08-099-14W4/0	501.0	505.6	Wbsk C Sand	ENCANA	PRB, RMA
		AA/07-09-099-14W4/0	511.3	512.0	Wbsk C Sand	IMPERIAL	PRB, RMA
		00/09-17-099-14W4/0	511.6	515.0	Wbsk C Sand	ENCANA	PRB, RMA
	WABISKAW S	00/11-07-099-14W4/0	474.5	478.1	Wbsk C Sand	ENCANA	PRB, RMA
	WABISKAW U/D-018	AA/12-12-099-15W4/0	457.8	459.3	Wbsk C Sand	IMPERIAL	PRB, RMA
		00/09-14-099-15W4/0	474.5	478.0	Wbsk C Sand	ENCANA	PRB, RMA
	WABISKAW U/D-022	00/14-35-100-13W4/0	499.0	503.0	Wbsk D Sand	ENCANA	PRB, RMA
	WABISKAW U/D-033	00/15-17-099-13W4/0	536.0	538.4	Wbsk C Sand	ENCANA	PRB, RMA
	MCMURRAY U/D-035	00/12-28-099-14W4/0	521.0	523.2	McM Channel	ENCANA	PRB, RMA
	MCMURRAY U/D-036	00/03-14-099-14W4/0	524.5	525.5	McM Channel	ENCANA	ACC
THORNBURY	MCMURRAY XX	00/07-29-079-12W4/0	443.0	447.0	McM B1 Seq	SUPERMAN	PRB, RMA, PSD
		00/11-32-079-12W4/0	464.5	465.3	McM Channel	FIRST	PRB, RMA, PSD
		00/15-32-079-12W4/0	441.0	452.0	McM Channel	SUPERMAN	PRB, RMA, PSD
		00/08-04-080-12W4/0	442.0	449.0	McM Channel	SUPERMAN	PRB, RMA, PSD
		00/06-06-080-12W4/0	439.0	445.3	McM Channel	SUPERMAN	PRB, RMA, PSD
		00/12-10-080-12W4/0	443.0	448.0	McM Channel	CNRL	PRB, RMA, PSD
		00/12-11-080-12W4/0	438.7	444.0	McM Channel	CNRL	PRB, RMA, PSD
		00/05-14-080-12W4/0	445.3	450.0	McM Channel	CNRL	PRB, RMA, PSD
		00/07-29-079-12W4/0	447.5	448.5	McM B2 Seq	SUPERMAN	PRB, RMA, PSD
	MCMURRAY U/D-240	00/10-05-080-12W4/0	444.0	466.0	McM Channel	SUPERMAN	ACC
	MCMURRAY E5E	00/15-22-079-10W4/0	423.5	425.0	McM A1 Seq	PET	PRB, RMA
		00/13-27-079-10W4/0	410.0	412.5	McM A1 Seq	PET	PRB, RMA
		00/10-28-079-10W4/0	402.5	406.0	McM A1 Seq	PET	PRB, RMA
		00/10-29-079-10W4/0	407.5	409.0	McM A1 Seq	CNRL	PRB, RMA
		00/15-22-079-10W4/0	430.0	430.5	McM Channel	PET	PRB, RMA
		00/06-23-079-10W4/0	420.5	421.0	McM Channel	PET	PRB, RMA
		00/13-27-079-10W4/0	412.5	419.0	McM Channel	PET	PRB, RMA
	MCMURRAY R5R	00/10-12-080-12W4/0	441.0	443.0	McM Channel	CNRL	ACC

Table 2. Wabiskaw-McMurray Intervals Approved for Gas Production

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
CHARD	WABISKAW-MCMURRAY A	00/13-27-078-06W4/0	286.0	287.0	Wbsk C Sand	SUPERMAN	RMP
		00/07-33-078-06W4/0	290.5	291.2	Wbsk C Sand	PET	RMP
		00/06-06-079-05W4/0	279.2	279.9	Wbsk C Sand	CNRL	RMP
		00/07-07-079-05W4/0	243.8	244.6	Wbsk C Sand	CNRL	RMP
		00/05-08-079-05W4/0	236.2	237.1	Wbsk C Sand	CNRL	RMP
		00/05-17-079-05W4/0	212.5	214.0	Wbsk C Sand	CNRL	RMP
		00/06-18-079-05W4/0	211.4	212.8	Wbsk C Sand	CNRL	RMP
		00/12-19-079-05W4/0	217.0	217.7	Wbsk C Sand	CNRL	RMP
		00/05-29-079-05W4/0	218.9	220.4	Wbsk C Sand	CNRL	RMP
		00/05-30-079-05W4/0	215.0	216.0	Wbsk C Sand	CNRL	RMP
		00/10-31-079-05W4/0	201.0	202.1	Wbsk C Sand	PET	RMP
		00/13-32-079-05W4/0	214.6	215.3	Wbsk C Sand	PET	RMP
		00/11-01-079-06W4/0	265.8	266.1	Wbsk C Sand	SUPERMAN	RMP
		00/14-01-079-06W4/0	257.0	257.8	Wbsk C Sand	SUPERMAN	RMP
		00/13-02-079-06W4/0	232.8	233.3	Wbsk C Sand	SUPERMAN	RMP
		00/12-03-079-06W4/0	237.3	238.2	Wbsk C Sand	SUPERMAN	RMP
		00/08-04-079-06W4/0	249.9	250.4	Wbsk C Sand	CNRL	RMP
		00/07-10-079-06W4/0	214.4	215.0	Wbsk C Sand	CNRL	RMP
		00/10-11-079-06W4/0	233.5	233.9	Wbsk C Sand	CNRL	RMP
		00/12-11-079-06W4/2	216.0	217.0	Wbsk C Sand	CNRL	RMP
		00/06-12-079-06W4/0	217.5	218.0	Wbsk C Sand	CNRL	RMP
		00/04-14-079-06W4/0	210.6	212.5	Wbsk C Sand	CNRL	RMP
		00/08-14-079-06W4/0	211.0	213.0	Wbsk C Sand	CNRL	RMP
		00/07-15-079-06W4/0	204.6	205.5	Wbsk C Sand	CNRL	RMP
		00/10-16-079-06W4/0	226.8	230.0	Wbsk C Sand	CNRL	RMP
		00/10-21-079-06W4/0	215.3	216.2	Wbsk C Sand	CNRL	RMP
		00/11-22-079-06W4/0	216.1	217.1	Wbsk C Sand	PET	RMP
		00/09-23-079-06W4/0	202.4	203.2	Wbsk C Sand	PET	RMP
		00/06-24-079-06W4/0	207.5	208.6	Wbsk C Sand	PET	RMP
		00/10-25-079-06W4/0	205.8	206.8	Wbsk C Sand	PET	RMP
		00/09-26-079-06W4/0	189.9	190.7	Wbsk C Sand	PET	RMP
		00/11-27-079-06W4/0	230.0	231.0	Wbsk C Sand	PARAMOUNT	RMP
		00/11-28-079-06W4/0	248.4	249.7	Wbsk C Sand	CNRL	RMP
		00/06-34-079-06W4/0	237.1	237.9	Wbsk C Sand	PET	RMP
		02/06-34-079-06W4/0	236.0	237.0	Wbsk C Sand	PET	RMP
		00/13-34-079-06W4/0	243.0	243.5	Wbsk C Sand	PET	RMP
		00/13-35-079-06W4/0	234.5	235.2	Wbsk C Sand	PET	RMP
		00/08-36-079-06W4/0	188.2	189.0	Wbsk C Sand	PET	RMP
		00/05-05-080-05W4/0	211.7	213.0	Wbsk C Sand	PET	RMP
		00/02-06-080-05W4/0	187.5	188.5	Wbsk C Sand	PET	RMP
		00/06-07-080-05W4/0	191.3	192.8	Wbsk C Sand	PET	RMP
		00/03-08-080-05W4/0	188.7	190.0	Wbsk C Sand	PET	RMP

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
CHARD (cont.)	WABISKAW-MCMURRAY A (cont.)	00/07-01-080-06W4/0	202.8	203.9	Wbsk C Sand	PET	RMP
		00/03-02-080-06W4/0	234.5	236.0	Wbsk C Sand	CNRL	RMP
		00/10-02-080-06W4/0	231.5	232.0	Wbsk C Sand	CNRL	RMP
		00/03-03-080-06W4/0	246.3	248.0	Wbsk C Sand	CNRL	RMP
		00/07-04-080-06W4/0	290.8	292.0	Wbsk C Sand	CNRL	RMP
		00/11-09-080-06W4/0	303.0	304.5	Wbsk C Sand	CNRL	RMP
		00/09-11-080-06W4/0	221.8	223.5	Wbsk C Sand	CNRL	RMP
		00/15-11-080-06W4/0	225.0	226.0	Wbsk C Sand	CNRL	RMP
		00/05-12-080-06W4/0	208.6	210.2	Wbsk C Sand	PET	RMP
		00/07-14-080-06W4/0	237.3	239.0	Wbsk C Sand	CNRL	RMP
		00/11-35-078-06W4/0	298.0	301.2	McM A Channel	SUPERMAN	RMP
		00/14-35-078-06W4/0	283.0	286.6	McM A Channel	SUPERMAN	RMP
		00/11-36-078-06W4/0	281.0	283.3	McM A1 Seq	NEXEN	RMP
		00/12-20-079-05W4/0	225.2	227.0	McM A1 Seq	CNRL	RMP
		00/05-30-079-05W4/0	217.0	220.0	Wbsk D Valley Fill	CNRL	RMP
		00/11-01-079-06W4/0	266.7	269.0	Wbsk D Valley Fill	SUPERMAN	RMP
		00/13-02-079-06W4/0	234.0	237.0	Wbsk D Valley Fill	SUPERMAN	RMP
		00/12-03-079-06W4/0	238.5	241.0	Wbsk D Valley Fill	SUPERMAN	RMP
		00/06-12-079-06W4/0	218.8	223.0	Wbsk D Valley Fill	CNRL	RMP
		00/04-14-079-06W4/0	212.5	216.0	Wbsk D Valley Fill	CNRL	RMP
		00/07-15-079-06W4/0	206.5	208.0	Wbsk D Valley Fill	CNRL	RMP
		00/10-16-079-06W4/0	230.5	234.0	Wbsk D Valley Fill	CNRL	RMP
		00/10-21-079-06W4/0	217.0	218.0	Wbsk D Valley Fill	CNRL	RMP
		00/09-23-079-06W4/0	205.7	206.9	Wbsk D Valley Fill	PET	RMP
		00/09-26-079-06W4/0	191.8	194.5	Wbsk D Valley Fill	PET	RMP
		00/08-36-079-06W4/0	189.8	193.0	Wbsk D Valley Fill	PET	RMP
		00/11-28-079-06W4/0	250.6	252.5	Wbsk D Valley Fill	CNRL	RMP
		00/07-32-079-06W4/0	286.0	289.0	Wbsk D Valley Fill	CNRL	RMP
		00/13-34-079-06W4/0	245.0	247.2	Wbsk D Valley Fill	PET	RMP
		00/03-03-080-06W4/0	249.0	251.0	Wbsk D Valley Fill	CNRL	RMP
		00/07-04-080-06W4/0	293.0	295.0	Wbsk D Valley Fill	CNRL	RMP
		00/07-06-080-06W4/0	291.0	294.0	McM A1 Seq	CNRL	RMP
		00/11-09-080-06W4/0	305.0	307.0	Wbsk D Valley Fill	CNRL	RMP
		00/06-05-079-05W4/0	273.2	279.0	McM A2 Seq	CNRL	RMP
		00/06-06-079-05W4/0	280.4	285.1	McM A2 Seq	CNRL	RMP
		00/07-07-079-05W4/0	245.1	252.4	McM A2 Seq	CNRL	RMP
		00/03-08-079-05W4/2	374.5	785.7	McM A2 Seq	CNRL	RMP
		00/05-08-079-05W4/0	237.5	243.9	McM A2 Seq	CNRL	RMP
		00/05-17-079-05W4/0	214.0	221.8	McM A2 Seq	CNRL	RMP
		00/06-18-079-05W4/0	213.0	220.5	McM A2 Seq	CNRL	RMP
		00/12-19-079-05W4/0	218.5	224.5	McM A2 Seq	CNRL	RMP
		00/12-20-079-05W4/0	227.0	230.0	McM A2 Seq	CNRL	RMP
		00/05-29-079-05W4/0	222.0	226.0	McM A2 Seq	CNRL	RMP
		00/10-31-079-05W4/0	202.9	209.4	McM A2 Seq	PET	RMP
		00/13-32-079-05W4/0	216.1	222.8	McM A2 Seq	PET	RMP

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
CHARD (cont.)	WABISKAW-MCMURRAY A (cont.)	00/11-01-079-06W4/0	269.0	271.2	McM A2 Seq	SUPERMAN	RMP
		00/14-01-079-06W4/0	258.0	265.5	McM A2 Seq	SUPERMAN	RMP
		00/13-02-079-06W4/0	237.0	239.3	McM A2 Seq	SUPERMAN	RMP
		00/12-03-079-06W4/0	241.0	246.6	McM A2 Seq	SUPERMAN	RMP
		00/08-04-079-06W4/0	251.4	258.5	McM A2 Seq	CNRL	RMP
		00/07-10-079-06W4/0	215.6	223.7	McM A2 Seq	CNRL	RMP
		00/12-11-079-06W4/2	217.0	227.0	McM A2 Seq	CNRL	RMP
		00/06-12-079-06W4/0	223.0	227.5	McM A2 Seq	CNRL	RMP
		00/08-13-079-06W4/0	218.0	222.8	McM A2 Seq	CNRL	RMP
		00/04-14-079-06W4/0	216.0	219.8	McM A2 Seq	CNRL	RMP
		00/08-14-079-06W4/0	216.0	217.6	McM A2 Seq	CNRL	RMP
		00/07-15-079-06W4/0	208.0	213.2	McM A2 Seq	CNRL	RMP
		00/10-16-079-06W4/0	234.0	238.5	McM A2 Seq	CNRL	RMP
		00/10-21-079-06W4/0	218.0	225.0	McM A2 Seq	CNRL	RMP
		00/11-22-079-06W4/0	221.9	223.0	McM A2 Seq	PET	RMP
		00/06-24-079-06W4/0	210.0	216.0	McM A2 Seq	PET	RMP
		00/10-25-079-06W4/0	207.5	214.2	McM A2 Seq	PET	RMP
		00/09-26-079-06W4/0	194.5	198.5	McM A2 Seq	PET	RMP
		00/11-28-079-06W4/0	252.5	257.8	McM A2 Seq	CNRL	RMP
		00/07-32-079-06W4/0	289.0	293.0	McM A2 Seq	CNRL	RMP
		00/13-35-079-06W4/0	236.0	243.0	McM A2 Seq	PET	RMP
		00/08-36-079-06W4/0	193.0	197.0	McM A2 Seq	PET	RMP
		00/05-05-080-05W4/0	213.5	219.7	McM A2 Seq	PET	RMP
		00/02-06-080-05W4/0	189.5	196.0	McM A2 Seq	PET	RMP
		00/03-02-080-06W4/0	237.0	243.3	McM A2 Seq	CNRL	RMP
		00/03-03-080-06W4/0	251.0	254.2	McM A2 Seq	CNRL	RMP
		00/07-04-080-06W4/0	295.0	299.0	McM A2 Seq	CNRL	RMP
		00/11-09-080-06W4/0	307.0	311.0	McM A2 Seq	CNRL	RMP
		00/09-11-080-06W4/0	226.0	229.6	McM A2 Seq	CNRL	RMP
		00/15-11-080-06W4/0	230.0	233.5	McM A2 Seq	CNRL	RMP
		00/05-12-080-06W4/0	215.0	217.0	McM A2 Seq	PET	RMP
		00/04-13-080-06W4/0	215.6	222.0	McM A2 Seq	PET	RMP
		00/07-14-080-06W4/0	240.0	245.5	McM A2 Seq	CNRL	RMP
		00/06-22-080-06W4/0	309.3	313.6	McM A2 Seq	CNRL	RMP
		00/07-23-080-06W4/0	250.0	256.0	McM A2 Seq	CNRL	RMP
		00/07-33-078-06W4/0	295.4	302.0	McM Channel	PET	RMP
		00/12-03-079-06W4/0	247.5	255.5	McM Channel	SUPERMAN	RMP
		00/06-07-080-05W4/0	194.5	200.0	McM A2 Seq	PET	RMP
		00/07-01-080-06W4/0	205.0	211.1	McM A2 Seq	PET	RMP
CLYDEN	MCMURRAY AA	00/07-19-076-12W4/0	511.5	513.4	McM A2 Seq	CNRL	RMP
		00/11-30-076-12W4/0	490.0	492.0	McM A2 Seq	CNRL	RMP
		00/03-25-076-13W4/0	492	494.7	McM A2 Seq	CNRL	RMP
CORNER	MCMURRAY A	00/12-16-081-09W4/0	419.8	420.8	McM A1 Seq	PET	PC,RMP,PSD
		02/12-16-081-09W4/0	419.2	420.7	McM A1 Seq	PET	PC,RMP,PSD
DIVIDE	MCMURRAY A	00/16-08-082-12W4/0	447.2	449.0	McM B1 Seq	HUSKY	RMP

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
DIVIDE (cont.)	MCMURRAY A (cont.)	00/05-16-082-12W4/0	447.1	448.9	McM B1 Seq	PET	RMP
		00/10-17-082-12W4/0	432.4	433.3	McM B1 Seq	PET	RMP
		00/05-21-082-12W4/0	415.6	416.6	McM B1 Seq	STYLUS	RMP
		02/05-21-082-12W4/0	422.2	423.0	McM B1 Seq	STYLUS	RMP
	MCMURRAY V	00/02-19-082-12W4/0	396.0	397.3	McM B1 Seq	CNRL	RMP
	MCMURRAY W	00/06-27-082-12W4/0	446.2	448.0	McM B1 Seq	STYLUS	RMP
		00/07-28-082-12W4/0	405.0	408.0	McM B1 Seq	STYLUS	RMP
GLOVER	MCMURRAY B	00/09-05-076-10W4/0	447.0	448.0	McM A1 Seq	PET	RMP
		00/06-07-076-10W4/0	436.5	438.0	McM A1 Seq	PET	RMP
HANGINGSTONE	MCMURRAY BB	00/08-30-082-09W4/0	438.0	439.0	McM A1 Seq	NORTHSTAR	PC, RMP, PSD
		00/08-30-082-09W4/0	439.0	441.0	McM A2 Seq	NORTHSTAR	PC, RMP, PSD
	MCMURRAY LL	00/07-05-083-08W4/0	435.0	436.0	McM A1 Seq	NORTHSTAR	RMP
	MCMURRAY RR	00/09-32-081-11W4/0	464.0	469.6	McM B1 Seq	STYLUS	RMP
		00/06-34-081-11W4/0	444.0	445.0	McM B1 Seq	STYLUS	RMP
		00/12-34-081-11W4/0	452.0	453.0	McM B1 Seq	STYLUS	RMP
		00/06-04-082-11W4/0	453.3	454.3	McM B1 Seq	STYLUS	RMP
	MCMURRAY U/D-137	AA/10-22-084-08W4/0	425.5	428.0	McM A1 Seq	PETRO-CANADA	RMP
	MCMURRAY UUU	00/12-01-084-08W4/0	443.4	444.5	McM A1 Seq	NORTHSTAR	RMP
		00/11-08-084-08W4/0	437.6	440.0	McM A1 Seq	NORTHSTAR	RMP
		AA/12-08-084-08W4/0	434.6	438.0	McM A1 Seq	PETRO-CANADA	RMP
		00/07-09-084-08W4/0	437.2	440.0	McM A1 Seq	NORTHSTAR	RMP
		00/02-10-084-08W4/0	442.0	443.0	McM A1 Seq	NORTHSTAR	RMP
		00/05-11-084-08W4/0	444.0	445.0	McM A1 Seq	NORTHSTAR	RMP
		AA/05-17-084-08W4/0	428.0	429.0	McM A1 Seq	PETRO-CANADA	RMP
HARDY	WABISKAW-MCMURRAY A	00/05-19-077-04W4/0	316.0	319.0	Wbsk C Sand	PET	PC, RMP
		00/06-20-077-04W4/0	336.5	339.4	Wbsk C Sand	PET	PC, RMP
		00/07-30-077-04W4/0	325.8	327.5	Wbsk C Sand	SUPERMAN	PC, RMP
		00/02-31-077-04W4/0	318.2	320.0	Wbsk C Sand	PET	PC, RMP
		00/04-13-077-05W4/0	332.8	334.0	Wbsk C Sand	PET	PC, RMP
		00/11-18-077-05W4/0	317.0	319.0	Wbsk C Sand	PET	PC, RMP
		00/11-19-077-05W4/0	316.6	317.3	Wbsk C Sand	PET	PC, RMP
		00/08-20-077-05W4/0	325.0	326.2	Wbsk C Sand	PET	PC, RMP
		00/11-21-077-05W4/0	322.5	323.5	Wbsk C Sand	CNRL	PC, RMP
		00/07-22-077-05W4/0	338.4	339.5	Wbsk C Sand	PET	PC, RMP
		00/05-24-077-05W4/0	343.8	346.0	Wbsk C Sand	PET	PC, RMP
		00/12-25-077-05W4/0	332.8	333.8	Wbsk C Sand	PET	PC, RMP
		00/07-26-077-05W4/0	342.5	343.5	Wbsk C Sand	CNRL	PC, RMP
		00/07-27-077-05W4/0	330.2	332.0	Wbsk C Sand	CNRL	PC, RMP
		00/11-28-077-05W4/0	324.2	326.0	Wbsk C Sand	PET	PC, RMP
		00/05-30-077-05W4/0	319.0	320.4	Wbsk C Sand	CNRL	PC, RMP
		00/10-33-077-05W4/0	337.2	338.5	Wbsk C Sand	PET	PC, RMP
		00/10-34-077-05W4/0	332.3	334.0	Wbsk C Sand	CNRL	PC, RMP
		00/05-35-077-05W4/0	338.5	339.5	Wbsk C Sand	CNRL	PC, RMP
		00/10-36-077-05W4/0	333.0	335.0	Wbsk C Sand	PET	PC, RMP
		00/09-36-077-06W4/0	322.3	324.0	Wbsk C Sand	DEVON	PC, RMP

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
HARDY (cont.)	WABISKAW-MCMURRAY A (cont.)	00/08-06-078-04W4/0	323.7	324.7	Wbsk C Sand	PET	PC, RMP
		00/15-07-078-04W4/0	335.5	336.5	Wbsk C Sand	PET	PC, RMP
		00/08-01-078-05W4/0	329.1	330.4	Wbsk C Sand	PET	PC, RMP
		00/07-02-078-05W4/0	332.5	333.0	Wbsk C Sand	CNRL	PC, RMP
		00/05-04-078-05W4/0	338.0	338.8	Wbsk C Sand	PET	PC, RMP
		00/08-05-078-05W4/0	328.9	330.0	Wbsk C Sand	PET	PC, RMP
		00/05-07-078-05W4/0	332.1	332.8	Wbsk C Sand	PET	PC, RMP
		00/05-08-078-05W4/0	321.0	321.5	Wbsk C Sand	PET	PC, RMP
		00/06-12-078-05W4/0	333.1	334.0	Wbsk C Sand	PET	PC, RMP
KIRBY	UPPER MANNVILLE I	00/03-21-074-07W4/0	442.5	444.5	Wbsk B Valley Fill	CNRL	PC, RMP
		00/11-29-074-07W4/0	428.0	429.0	Wbsk B Valley Fill	ISH	PC, RMP
		00/12-32-074-07W4/0	424.0	426.0	Wbsk B Valley Fill	BP	PC, RMP
		00/11-33-074-07W4/0	408.0	411.0	Wbsk B Valley Fill	BP	PC, RMP
		00/10-34-074-07W4/0	405.5	406.5	Wbsk B Valley Fill	BP	PC, RMP
		00/12-36-074-07W4/0	395.8	398.7	Wbsk B Valley Fill	BP	PC, RMP
		00/11-05-075-06W4/0	382.2	383.4	Wbsk B Valley Fill	BP	PC, RMP
		00/07-01-075-07W4/0	384.2	386.2	Wbsk B Valley Fill	BP	PC, RMP
		00/09-04-075-07W4/0	409.7	413.7	Wbsk B Valley Fill	BP	PC, RMP
	UPPER MANNVILLE O3O	00/06-32-073-09W4/0	426.8	427.8	Wbsk B Valley Fill	CNRL	RMP
		00/16-33-073-09W4/0	424.3	426.5	Wbsk B Valley Fill	CNRL	RMP
		00/15-04-074-09W4/0	424.5	428.0	Wbsk B Valley Fill	CNRL	RMP
		00/16-05-074-09W4/0	429.5	431.0	Wbsk B Valley Fill	CNRL	RMP
		00/12-07-074-09W4/0	446.0	447.0	Wbsk B Valley Fill	CNRL	RMP
		00/11-08-074-09W4/0	435.3	437.6	Wbsk B Valley Fill	CNRL	RMP
		00/12-09-074-09W4/0	424.5	428.5	Wbsk B Valley Fill	CNRL	RMP
		00/06-17-074-09W4/0	431.3	435.0	Wbsk B Valley Fill	CNRL	RMP
		00/06-18-074-09W4/0	440.5	442.0	Wbsk B Valley Fill	CNRL	RMP
		00/16-12-074-10W4/0	450.0	451.0	Wbsk B Valley Fill	CNRL	RMP
		00/02-13-074-10W4/0	446.0	447.5	Wbsk B Valley Fill	CNRL	RMP
		00/02-24-074-10W4/0	453.0	456.0	Wbsk B Valley Fill	CNRL	RMP
LEISMER	WABISKAW-MCMURRAY E	00/10-26-079-09W4/0	409.0	411.0	Wbsk C Sand	ENCANA	PC, RMP
		00/10-35-079-09W4/0	404.9	406.0	Wbsk C Sand	ENCANA C	PC, RMP
	MCMURRAY Z3Z	00/12-36-079-07W4/0	299.2	305.5	McM Channel	CNRL	RMP
NEWBY	WABISKAW T	00/06-09-084-06W4/0	236.3	237.5	Wbsk C Sand	CNRL	RMP
		00/05-10-084-06W4/0	219.3	221.0	Wbsk C Sand	CNRL	RMP
		00/07-16-084-06W4/0	206.0	207.0	Wbsk C Sand	CNRL	RMP
		00/09-17-084-06W4/0	210.2	211.0	Wbsk C Sand	CNRL	RMP
		00/10-20-084-06W4/0	214.2	214.8	Wbsk C Sand	CNRL	RMP
		00/10-21-084-06W4/0	194.5	196.0	Wbsk C Sand	CNRL	RMP
	WABISKAW U/D-050	AA/02-11-086-07W4/0	183.0	184.8	Wbsk C Sand	NEXEN	RMP
	WABISKAW U/D-052	AA/06-23-086-07W4/0	173.8	176.0	Wbsk C Sand	OPTI	RMP
		AA/11-23-086-07W4/0	171.0	172.5	Wbsk C Sand	OPTI	RMP
		AA/07-26-086-07W4/0	162.0	163.9	Wbsk C Sand	OPTI	RMP
	WABISKAW U/D-053	AA/06-28-086-07W4/0	185.3	186.7	Wbsk C Sand	CANNAT	RMP
	WABISKAW U/D-055	AA/07-33-086-07W4/0	169.0	170.5	Wbsk C Sand	CANNAT	RMP

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
NEWBY (cont.)	WABISKAW U/D-066	00/13-27-084-06W4/0	220.5	221.5	Wbsk C Sand	CNRL	RMP
	WABISKAW U/D-075	00/15-17-085-06W4/0	170.5	171.5	Wbsk C Sand	CNRL	RMP
	WABISKAW U/D-081	AA/11-01-086-07W4/0	174.6	177.0	Wbsk C Sand	SUNCOR	RMP
	WABISKAW-MCMURRAY G	00/13-26-084-06W4/0	209.0	210.0	Wbsk D Valley Fill	CNRL	NPRB
		00/13-26-084-06W4/0	210.7	211.3	McM A1 Seq	CNRL	NPRB
		00/13-27-084-06W4/0	223.2	225.0	McM A1 Seq	CNRL	NPRB
		00/10-34-084-06W4/0	216.2	218.7	McM A1 Seq	CNRL	NPRB
		00/10-35-084-06W4/0	195.6	198.2	McM A1 Seq	CNRL	NPRB
		00/07-01-085-06W4/0	191.4	195.0	McM A1 Seq	CNRL	NPRB
		00/10-02-085-06W4/0	188.0	191.0	McM A1 Seq	CNRL	NPRB
		00/09-04-085-06W4/0	202.5	204.3	McM A1 Seq	CNRL	NPRB
		00/06-10-085-06W4/0	157.0	160.0	McM A1 Seq	CNRL	NPRB
		00/07-14-085-06W4/0	147.0	148.0	McM A1 Seq	CNRL	NPRB
		00/13-26-084-06W4/0	214.0	227.0	McM Channel	CNRL	NPRB
		00/10-35-084-06W4/0	200.0	214.4	McM Channel	CNRL	NPRB
		00/13-27-084-06W4/0	225.5	226.2	McM Channel	CNRL	NPRB
		00/10-34-084-06W4/0	220.0	231.3	McM Channel	CNRL	NPRB
		00/10-02-085-06W4/0	193.0	204.3	McM Channel	CNRL	NPRB
		00/06-10-085-06W4/0	161.0	174.3	McM Channel	CNRL	NPRB
		00/07-14-085-06W4/0	149.0	160.3	McM Channel	CNRL	NPRB
	WABISKAW-MCMURRAY H	00/13-19-083-04W4/0	192.3	194.9	Wbsk C Sand	CNRL	NPRB
		00/11-11-083-05W4/0	196.3	197.3	Wbsk C Sand	PET	NPRB
		00/12-12-083-05W4/0	196.0	197.2	Wbsk C Sand	PET	NPRB
		00/15-13-083-05W4/0	184.0	187.0	Wbsk C Sand	CNRL	NPRB
		00/12-07-083-04W4/0	201.0	204.5	Wbsk D Valley Fill	CNRL	NPRB
		00/15-18-083-04W4/0	193.0	195.5	Wbsk D Valley Fill	CNRL	NPRB
		00/02-19-083-04W4/0	188.0	190.5	Wbsk D Valley Fill	CNRL	NPRB
		00/13-19-083-04W4/0	195.0	197.5	Wbsk D Valley Fill	CNRL	NPRB
		00/11-11-083-05W4/0	197.5	201.3	Wbsk D Valley Fill	PET	NPRB
		00/12-12-083-05W4/0	197.2	201.0	Wbsk D Valley Fill	PET	NPRB
		00/15-13-083-05W4/0	187.0	190.0	Wbsk D Valley Fill	CNRL	NPRB
		00/15-14-083-05W4/0	203.7	206.4	Wbsk D Valley Fill	CNRL	NPRB
		02/15-14-083-05W4/0	204.0	206.0	Wbsk D Valley Fill	CNRL	NPRB
		00/15-15-083-05W4/0	246.0	248.2	Wbsk D Valley Fill	CNRL	NPRB
		00/14-20-083-05W4/0	234.5	238.0	Wbsk D Valley Fill	CNRL	NPRB
		00/08-21-083-05W4/0	232.0	235.0	Wbsk D Valley Fill	CNRL	NPRB
		00/14-22-083-05W4/0	212.0	215.0	Wbsk D Valley Fill	CNRL	NPRB
		00/05-24-083-05W4/0	206.0	208.1	Wbsk D Valley Fill	CNRL	NPRB
		00/12-25-083-05W4/0	199.6	202.0	Wbsk D Valley Fill	CNRL	NPRB
		00/05-28-083-05W4/0	208.0	211.0	Wbsk D Valley Fill	CNRL	NPRB
		00/11-32-083-05W4/0	210.0	212.7	Wbsk D Valley Fill	CNRL	NPRB
		00/13-33-083-05W4/0	205.0	207.0	Wbsk D Valley Fill	CNRL	NPRB
		00/09-35-083-05W4/0	187.5	189.5	Wbsk D Valley Fill	CNRL	NPRB
		00/12-12-083-05W4/0	206.5	208.0	McM Channel	PET	NPRB
		00/15-13-083-05W4/0	190.2	208.0	McM Channel	CNRL	NPRB

Field Name	Pool Name	Well ID	Pay Top Depth	Pay Base Depth	Stratigraphic Interval	Licensee	Reason for Decision
NEWBY (cont.)	WABISKAW-MCMURRAY H (cont.)	00/15-14-083-05W4/0	208.7	220.0	McM Channel	CNRL	NPRB
		00/05-24-083-05W4/0	214.0	215.8	McM Channel	CNRL	NPRB
		00/15-18-083-04W4/0	197.5	209.8	McM Channel	CNRL	NPRB
		00/02-19-083-04W4/0	191.5	207.8	McM Channel	CNRL	NPRB
		00/11-32-083-05W4/0	214.0	225.0	McM Channel	CNRL	NPRB
		00/12-05-084-05W4/0	225.5	227.0	McM Channel	CNRL	NPRB
		00/05-28-083-05W4/0	212.0	226.0	McM Channel	CNRL	NPRB
		00/13-33-083-05W4/0	208.5	223.0	McM Channel	CNRL	NPRB
		00/09-35-083-05W4/0	190.5	207.0	McM Channel	CNRL	NPRB
	MCMURRAY X	00/08-09-083-05W4/0	226.8	232.0	Wbsk D Valley Fill	PET	NPRB
RESDELN	WABISKAW U/D-012	00/05-07-084-06W4/0	305.0	306.0	Wbsk C Sand	PARAMOUNT	RMP
	WABISKAW U/D-013	00/03-18-084-06W4/0	292.4	293.5	Wbsk C Sand	PET	RMP
TAR	WABISKAW P	00/06-13-099-14W4/0	525.0	526.0	Wbsk C Sand	ENCANA	RMP, PC
		00/03-14-099-14W4/0	513.5	517.8	Wbsk C Sand	ENCANA	RMP, PC
		00/04-22-099-14W4/0	521.0	526.5	Wbsk C Sand	ENCANA	RMP, PC
	WABISKAW Q	00/12-28-099-14W4/0	509.8	511.2	Wbsk C Sand	ENCANA	RMP
	WABISKAW U/D-021	00/15-16-100-13W4/0	473.5	475.0	Wbsk D Sand	ENCANA	RMP
	WABISKAW U/D-035	AA/11-24-099-14W4/0	531.6	534.0	Wbsk C Sand	IMPERIAL	RMP
		00/12-24-099-14W4/0	531.0	534.2	Wbsk C Sand	ENCANA	RMP
	WABISKAW U/D-037	00/02-30-099-14W4/0	498.0	499.0	Wbsk C Sand	ENCANA	RMP
	WABISKAW U/D-038	00/05-35-099-14W4/0	533.0	534.7	Wbsk C Sand	ENCANA	RMP
		00/02-02-100-14W4/0	517.0	522.5	Wbsk C Sand	ENCANA	RMP
	WABISKAW U/D-039	AA/12-12-099-15W4/0	449.5	451.5	Wbsk C Sand	IMPERIAL	RMP
		00/09-14-099-15W4/0	470.0	471.0	Wbsk C Sand	ENCANA	RMP
	MCMURRAY U/D-005	00/02-02-100-14W4/0	523.5	524.0	Wbsk D Sand	ENCANA	RMP
	MCMURRAY U/D-037	00/02-02-100-14W4/0	537.0	539.0	McM Channel	ENCANA	NPRB
THORNBURY	MCMURRAY G2G	00/04-19-079-10W4/0	431.0	433.0	McM A2 Seq	CNRL	RMP
		00/01-25-079-11W4/0	424.0	425.0	McM A2 Seq	CNRL	RMP
	MCMURRAY E5E	00/02-31-079-10W4/0	414.0	415.0	McM A1 Seq	CNRL	PC, RMP, PSD
		00/02-31-079-10W4/0	416.0	417.0	McM A2 Seq	CNRL	PC, RMP, PSD
	MCMURRAY S5S	00/07-29-079-12W4/0	458.2	465.5	McM C Channel	SUPERMAN	RMP